Arkansas Department of Health Public Water Supply Sanitary Survey

| Name of System | Crossett Water Commission | PWS ID#_017 |
|----------------|---------------------------|-------------|
| County | Ashley | |
| Date of Survey | September 18, 2013 | |
| Survey By | Mac Faulkner | TV (M) |
| Title | District Engineer | |

Arkansas Department of Health

| C33. 1.0. DOX 010 | Crossett, AR 7 | 1033 | | | | Telephone | 4.070 264 | 4105 |
|---|---|---|--------------------------------|--|--------------------------------|---|---|--------------------------------------|
| ager: Anthony Adcoc | k | | | License | #: | l elephone | crossettwa | ter@windstre |
| ernate Telephone #: | Cell #: | | rax | #:8/0.304./ | #+ 08300T | Addiess. | enhone # | 870 364 7264 |
| ernate Telephone #:atment Plant Supervisor: tribution System Supervi | Anthony Add | Adapate | | License | #. 08300D | 4 Tel | ephone #:8 | 70.364.7264 |
| | | | | | | | | |
| mber of Licensed Employ | yees: 4 | # 01 116 | atment L | icenses | - " | H) Telepho | one #:870.3 | 364.6230 |
| irman: Cecil Rit dress: 1706 Parkway I | Drive Crossett | AD 71635 | 717 | =-W | | W) Teleph | one#: | |
| | | | | | | | | |
| Services: 3215 %Met | ered:100 Total | Pop. Served: | 8721 | Retail Pop.S | erved: 8038 | 8 Consecut | ive Pop.Se | rved:683 |
| . 2005 # 7- | | # 11/100 | Acolo. | 1) 37 11 | onigital: | 111 11 | HIIVALION. | 20 |
| the District E | County | Name: | Achley | | | County | Code #: | 4 |
| mbing Inspector: An | thony Adcock | | | | | Licens | e #: <u>pend</u> | ing testingoff |
| | | | | | | | A property of the | |
| Plant Name & ID | Type of I | Plant | | uction Date | # of So | urces | | of Source |
| | Softening, Iron | removal, | 1 | 974* | 5 | | Gre | ound |
| | and Fluoridation | | Marin Park | | 12.50 | | | |
| | | | | | | | | |
| | | | | | | | | |
| Major improvements to W | /laximum Syste | m Capacity: | | 4.5 | | _MGD (A | ll Plants) | |
| N | | m Capacity: | | 4.5 | | _MGD (A | ll Plants) | |
| N | /laximum Syste | em Capacity: | MG | 4.5 | | _MGD (A | ll Plants) | MG |
| Total Syste | Maximum System Storage:2 | em Capacity: | MG | 4.5 Useabl | e System S | _MGD (A | ll Plants) | MG |
| Total Syste System Segment | /laximum Syste | em Capacity: | MG | 4.5 Useable Figures | e System S | _MGD (A | 1.25 Demand | MG |
| Total Syste System Segment Plant Name & ID | Maximum System Storage:2 Capacity (MGD) | em Capacity: 2.4 Pro Limiting Factor | MG | 4.5 Useable Figures Maximum | e System S Demand | _MGD (A storage: Average | 1.25 Demand | MG |
| Total Syste System Segment | Maximum System Storage:2 | em Capacity: 2.4 Pro Limiting | MG | 4,5 Useable Figures Maximum (MGD) | e System S Demand %Cap. | _MGD (A storage: Average (MGD) | 1.25 Demand %Cap. 20.4 % % | MG Population Served |
| Total Syste System Segment Plant Name & ID | Maximum System Storage:2 Capacity (MGD) | em Capacity: 2.4 Pro Limiting Factor | MG | 4.5 Useable Figures Maximum (MGD) | Demand %Cap. 34.4 % | _MGD (A storage: Average (MGD) | 1.25 Demand %Cap. 20.4 % % | MG Population Served |
| Total Syste System Segment Plant Name & ID | Maximum System Storage:2 Capacity (MGD) | em Capacity: 2.4 Pro Limiting Factor | MG | 4.5 Useable Figures Maximum (MGD) | Demand %Cap. 34.4 % | _MGD (A storage: Average (MGD) | 1.25 Demand %Cap. 20.4 % % | MG Population Served |
| Total Syste System Segment Plant Name & ID WTP #1 & 01 | Maximum System Storage:2 Capacity (MGD) 4.5 | em Capacity: 2.4 Pro Limiting Factor | MG | 4.5 Useable Figures Maximum (MGD) | Demand %Cap. 34.4 % % | _MGD (A storage: Average (MGD) | 1.25 Demand %Cap. 20.4 % % | MG Population Served |
| Total Syste System Segment Plant Name & ID WTP #1 & 01 Primary System | Maximum System Storage:2 Capacity (MGD) | Pro Limiting Factor Filters | MG | 4.5 Useable Figures Maximum (MGD) 1.55 | Demand %Cap. 34.4 % % % | Average (MGD) 0.92 | 1.25 Demand %Cap. 20.4 % % % | Population Served 8721 |
| System Segment Plant Name & ID WTP #1 & 01 Primary System Consecutive Systems | Capacity (MGD) 4.5 | Pro Limiting Factor Filters PWS ID # | MG duction Code 05 | Useable Figures Maximum (MGD) 1.55 | Demand %Cap. 34.4 % % % 34.4 % | Average (MGD) 0.92 | Demand %Cap. 20.4 % % % 20.4 % | Population Served 8721 |
| System Segment Plant Name & ID WTP #1 & 01 Primary System Consecutive Systems West Ashley Co. | Maximum System Storage:2 Capacity (MGD) 4.5 | Pro Limiting Factor Filters PWS ID # Hydraulic | MG duction Code 05 | 4.5 Useable Figures Maximum (MGD) 1.55 | Demand %Cap. 34.4 % % % | Average (MGD) 0.92 | 1.25 Demand %Cap. 20.4 % % % | Population Served 8721 |
| System Segment Plant Name & ID WTP #1 & 01 Primary System Consecutive Systems West Ashley Co. PWS #878 | Capacity (MGD) 4.5 | Pro Limiting Factor Filters PWS ID # | MG duction Code 05 Status P | 4.5 Useable Figures Maximum (MGD) 1.55 1.55 | Demand %Cap. 34.4 % % % 34.4 % | Average (MGD) 0.92 0.92 | Demand %Cap. 20.4 % % 20.4 % | Population Served 8721 8038 |
| System Segment Plant Name & ID WTP #1 & 01 Primary System Consecutive Systems West Ashley Co. PWS #878 Industrial Demand | Capacity (MGD) 4.5 4.5 | Pro Limiting Factor Filters PWS ID # Hydraulic | MG duction Code 05 Status P | 4.5 Useable Figures Maximum (MGD) 1.55 1.55 | Demand %Cap. 34.4 % % % 34.4 % | Average (MGD) 0.92 0.92 | Demand %Cap. 20.4 % % 20.4 % | Population Served 8721 |
| System Segment Plant Name & ID WTP #1 & 01 Primary System Consecutive Systems West Ashley Co. PWS #878 | Capacity (MGD) 4.5 4.5 | Pro Limiting Factor Filters PWS ID # Hydraulic | MG duction Code 05 Status P | 4.5 Useable Figures Maximum (MGD) 1.55 1.55 | Demand %Cap. 34.4 % % % 34.4 % | Average (MGD) 0.92 0.92 | Demand %Cap. 20.4 % % 20.4 % | Population Served 8721 8038 |

Give brief evaluation of system condition and operation: System condition and operation is very good. Management and the Operators are very knowledgeable of the system and the regulatory requirements. System needs to name an operator in responsible charge for both treatment and distribution.

Arkansas Department of Health

| Nan | e of S | System: | Crossett Wate | r Commis | sion | | | | | | PWS # <u>017</u> | |
|--------------------|------------------------------------|-------------------------------|---|--|---|---------------------------------------|--|-----------------------------------|----------------------------|------------------------------|------------------------------|-------------------------------|
| | | | | | | Well | Source | | | | | |
| | | | | | | | | | | | Source: | (# <u>1</u> _of_5 |
| Nam | e of S | Source | Well #1 | Groundwa | | | e Aquifer | (s) Cockf | pe Code ield M | W_(Grou aximum Pum | ndwater - W, ping Capacit | GWUDI - G y <u>528</u> GPM |
| Loca | ition o | of Sour | ce: Hwy Ashley | 7E Extens (Give o | ion of W lirections | ater Well from maj | Road East or road/str | of WTP. | hway in | tersection.) | | |
| | T | | | A A I A | Total | Casina | Cosina | Crowt | 317-11 | I D | | |
| SEI | | | ell # / Name | Date Drilled | Depth (ft) | Casing Size (in) | Casing Depth (ft) | Grout Depth (ft) | Well Yield (gpm) | Protection Radius (ft) | Latitude (d/m/s) | Longitude (d/m/s) |
| 101 | THE RESERVE OF THE PERSON NAMED IN | Well # | THE RESERVE TO SERVE | 1972 | 182 | 16 | 136 | 136 | <u>528</u> | 20 X 20 | 33/06/36 | 91/56/54 |
| (See | Pump | oing Fa | cilities for Addition | nal Inform | ation) | | | | | | | |
| Yes N N N | | 1. 2. 2.1 2.2 2.3 | Is well and local Raw water qual The well has bee Treatment is not Parameters of co. | ity/quanti n determin required a ncern in th her Hardr | ity is not ned not to ccording ne raw wa ness | indicative be hydrol to the requater. | e of an im logically s uirements None | ensitive. of the G\ Microbi | (□ N/A VR. (□ al ⊠ I | A)] N/A) ron 🛛 Mar | nganese 🔲 | н ₂ s |
| | | 2.4 | What is the natur Other | e of the in | nmediate | | | | | | | Forest |
| | | 2.5 | List possible sour | rces of pol | lution: P | ossible res | idential ar | nd/or fore | stry cher | nicals and tra | nsportation s | pills. |
| \boxtimes | | 2.6 | Has the system be | een free o | fshortage | es of sourc | e in the pa | ast? | | | | |
| | H | 3.1 | Source location, Is the required re | suricieu zo | ne adequ | ately conti | folled? | | | | | hazard. |
| | | 3.2 | Method (s): What is the size of | of the own | p ∐ ∪ ed/protec | ted area? | ☐ Ease | > 5 Acre | | g 🛛 Fencin | g | |
| | H | 3.3 3.4 | Are raw water pu | mping fac | ilities (i. | e. Well siz | e, pumps. | etc.) ade | quate an | d in good repa | air? | |
| × | Ħ | 3.5 | Are multiple pow Is well site prope | er sources | or auxii | ary power tected fror | units ava n floodine | ilable and | operabl | e? | | |
| \boxtimes | R | 3.6 | Is adequate concr | ete pad su | rrounding | g well head | d present, | if require | d? (N | I/A) | | |
| | Н | 3.8 | Is the casing and Does the casing e | grout adec xtend (12) | juate? | the floor | elah and e | afalu aha | va tha m | | 4.1 | |
| \boxtimes | P | 3.9 | is top of casing se | ealed? | | | | | | | | |
| 岗 | H | 3.10 | Does well vent te Does well have si | rminate 24 | inches a | bove floor | r/ground/ | max. floo | d level a | nd is it <u>prope</u> i | rly screened? | |
| \boxtimes | Ī | 3.12 | Are check valves, | gate valv | es, water | meters an | d appropri | iate appur | tenances | provided on | erated and m | aintained |
| | | | property? | | | | | | | pro ridea, op | cracea and m | antaneu |
| XXX | Ħ | 3.14 | Is lightning protection Is draw down gau | ge provide | ided? ed and or | erable? | | | | | | |
| \boxtimes | | 4. | Does the system I | nave an ac | tive sour | ce water ni | rotection p | rogram? | If yes, v | hat control n | neasures are i | n nlace? |
| | | | M Ownership of | WMPA | 1 Lase | ments ! | /Oning | I I Ord | inances | M Pecolus | tion VIE- | araaman Diam |
| | | | Contingency F promote Source V | Tall for for | ss of soul | ce X We | Ilhead Pro | tection A | rea Sign | s ∐ Local | Team develo | ped to |
| Com | nents | : _ 3,4 | System owns two | portable | generator | | SHIPS T | 1 2 2 | | The screen is | missing and | needs to be |

| | f Sys | tem: | Crossett Wate | r Commiss | ion | | | | | | PWS # <u>017</u> | |
|--------------|-------|-----------------------------|--|--|--|--|-------------------------------|---------------------------|------------------------|---|------------------|------------------|
| | | | | | | Well | Source | | | | Source:(| # <u>2</u> of 5 |
| | Entit | y ID #: | 102 | Groundwa | ter 🔲 | GWUDI | S | ource Ty | pe Code | _ <u>W_</u> (Grou | ındwater - W | , GWUDI - |
| i) Jame o | f Sol | urce_W | /ell #2 | | | Source | e Aquifer(| s) Cockfie | eld_ Ma | ximum Pump | oing Capacity | 363 GPM |
| | | | | | | | | | 4.4. | | | |
| ocatio | n of | Source | Hwy Ashley | 7E Extens | ion of W | ater Well | Road East | of WTP. | hway int | ersection.) | | |
| | | 4 | | (Give o | nrections | from maj | or road/su | eet of mg | nway mo | crscction.) | | |
| | T | | | Date | Total | Casing | Casing | Grout | Well | Protection | Latitude | Longitude |
| E ID# | | Wel | l # / Name | Drilled | Depth | Size | Depth | Depth | Yield | Radius | (d/m/s) | (d/m/s) |
| | _ | | | | (ft) | (in) | (ft) | (ft) | (gpm) | (ft) 20 X 20 | 33/06/30 | 91/56/33 |
| 02 | | /ell #2 | | 1972 | 124 | <u>16</u> | 124 | 124 | <u>363</u> | 20 A 20 | 33100130 | 21/30/33 |
| iee Pu | ımpıı | ng Faci | ities for Additi | onar Imorn | lauon) | | | | | | | |
| | H | 22 | The well has be Treatment is no Parameters of o | ot required a concern in t | according he raw w | to the rec | uirements | of the G | WR. (L | N/A) | nganese 🔲 | H ₂ S |
| | | 2.4 | ☐ CO ₂ ☒ C What is the nat | Other <u>Hard</u> ure of the i | dness mmediate | vicinity? | ⊠ Resi | dential | ☐ Indus | trial Ag | ricultural [| Forest |
| | | 2.6 | Other List possible so | ources of po | ollution: I | Possible re | sidential a | nd/or for | estry che | micals and tra | insportation s | pills. |
| × | | | Has the system | been free | of shortag | ges of sour | rce in the p | past? | Aless de | no mot monalt | in a conitors | hozord |
| | H | 3. | Source location Is the required | n, constru- | ction, ma | untenance uately con | e or opera | iting prae | ctices do | es not result | in a samtai y | mazar u. |
| Δ | _ | 3.1 | Method (s): | Owners! | hip 🔲 | Ordinance | s 🛛 Ea | sement | Zonin Zonin | g 🛛 Fenci | ng | |
| 24020 T | | 3.2 | What is the siz | e of the ow | ned/prote | cted area | ? | 20' X 2 | 0, | | | |
| X | | 3.3 | Are raw water Are multiple p | pumping fa | acilities (| i.e. Well s | aze, pump | s, etc.) ao milable ar | equate ai | na in good iej de? | pail : | |
| X | H | 3.4 | Is well site pro | ower source nerly drain | es or auxi | ntected from | om floodir | anabic ai 19? | id operat | 10. | | |
| ∇ | Ħ | 3.6 | Is adequate con | ncrete pad | surroundi | ng well he | ad presen | t, if requi | red? (| N/A) | | |
| X | | 3.7 | Is the casing a | nd grout ad | equate? | | | | | | | |
| | | | 15 the casing a | na grout au | | The second secon | CONTRACTOR CONTRACTOR | | | | | |
| | | 3.8 | Does the casin | g extend (1 | 2in.) abo | ve the floo | or/slab and | safely at | ove the | naximum flo | od elevation? | |
| | | 3.9 | Does the casing | g extend (1 g sealed? | 2in.) abo | | | | | | | |
| | | 3.9 3.10 | Does the casing Is top of casing Does well ven | g extend (1 g sealed? t terminate | 2in.) abo 24 inches | above flo | or/ground | | | | | |
| | | 3.9 3.10 3.11 | Does the casing Is top of casing Does well ven Does well hav Are check valv | g extend (1 g sealed? t terminate e suitable r | 2in.) abo 24 inches | s above flo | oor/ground | / max. flo | od level | and is it <u>prop</u> | erly screened | ? |
| | | 3.9 3.10 3.11 3.12 | Does the casing Does well ven Does well have Are check valverproperly? Is lightning properly. | g extend (1 g sealed? t terminate e suitable roves, gate va | 2in.) abo 24 inches aw water lves, water ovided? | s above flo sample ta er meters | oor/ground | / max. flo | od level | and is it <u>prop</u> | erly screened | ? |
| | | 3.9 3.10 3.11 3.12 | Does the casing Is top of casing Does well ven Does well have Are check value properly? | g extend (1 g sealed? t terminate e suitable noves, gate vante of tection programe province e suitable province e suitable e suitabl | 2in.) abo 24 inches aw water lives, wat ovided? | s above flo sample ta er meters : | oor/ground p? and appro | / max. flo | ood level urtenance | and is it <u>prop</u> es provided, c | erly screened | ? maintained |

Arkansas Department of Health

| 2.3 Parameters of concern in the raw water. ☐ None [☐ CO₂ ☐ Other Hardness 2.4 What is the nature of the immediate vicinity? ☐ Res | Source Ty er(s) Cockfi | <u>ield</u> M | | ndwater - W, | (# <u>3</u> of <u>5</u> GWUDI - G) y <u>384</u> GPM |
|---|---|--|---|-----------------------------------|---|
| Name of Source Well #3 Location of Source: Hwy Ashley 7E Extension of Water Well Road Ea (Give directions from major road/state) SE ID# Well # / Name Date Depth Size Depth (ft) (in) (ft) 103 Well #3 (See Pumping Facilities for Additional Information) Yes No 1. Is well and location approved by the ADH? 2. Raw water quality/quantity is not indicative of an image of the properties of the requirement conditions. 2.1 The well has been determined not to be hydrologically conditions. Parameters of concern in the raw water. None image of the nature of the immediate vicinity? Reserved. | er(s) <u>Cockf</u> st of WTP. | <u>ield</u> M | aximum Pum | ndwater - W, ping Capacit | GWUDI - G) y <u>384</u> GPM |
| SE ID# Well # / Name Date Depth Size Depth (ft) (in) (ft) | st of WTP. treet or hig | ghway int | tersection \ | | |
| SE ID# Well # / Name Date Depth (ft) (in) (ft) 103 Well #3 1972 180 16 131 (See Pumping Facilities for Additional Information) Yes No | | | craccion.) | | |
| (See Pumping Facilities for Additional Information) Yes No 1. Is well and location approved by the ADH? 2. Raw water quality/quantity is not indicative of an i 2.1 The well has been determined not to be hydrologically 2.2 Treatment is not required according to the requirement 2.3 Parameters of concern in the raw water. ☐ None [☐ CO₂ ☐ Other Hardness] 2.4 What is the nature of the immediate vicinity? ☐ Res | | Well Yield (gpm) | Protection Radius (ft) | Latitude (d/m/s) | Longitude (d/m/s) |
| Yes No 1. Is well and location approved by the ADH? 2. Raw water quality/quantity is not indicative of an i 2.1 The well has been determined not to be hydrologically 2.2 Treatment is not required according to the requirement 2.3 Parameters of concern in the raw water. ☐ None ☐ CO₂ ☑ Other Hardness 2.4 What is the nature of the immediate vicinity? ☑ Reserved. | 131 | 384 | 20 X 20 | 33/06/28 | 91/56/28 |
| Other | sensitive. ss of the GV Microbi | (□ N// WR. (□ al ⊠ I | A)] N/A) ron ⊠ Man trial □ Agr | ricultural 🔀 | H ₂ S Forest |
| ∠ 2.6 Has the system been free of shortages of source in the ∠ 3. Source location, construction, maintenance or operation. ∠ 3.1 Is the required restricted zone adequately controlled? Method (s): ☐ Ownership ☐ Ordinances ∑ Ea | past? ating prac | tices doe | s not result i | n a sanitary | |
| 3.2 What is the size of the owned/protected area? 3.3 Are raw water pumping facilities (i.e. Well size, pump and size of the owned/protected area? 3.4 Are multiple power sources or auxiliary power units at a size of the owned and protected from flooding and and protected from flooding and area are a size of the casing and grout adequate? 3.6 Is adequate concrete pad surrounding well head presen area are a size of the casing and grout adequate? 3.7 Is the casing and grout adequate? 3.8 Does the casing extend (12in.) above the floor/slab and a size of casing sealed? 3.9 Is top of casing sealed? 3.10 Does well vent terminate 24 inches above floor/ground and and protected from flooding area. | 20' X 20 os, etc.) ade vailable and 1g? t, if require safely about max. floor | equate and operabled? (Note the model of th | d in good reparts e? I/A) maximum flood nd is it proper | air? d elevation? rly screened? | |
| properly? 3.13 Is lightning protection provided? 3.14 Is draw down gauge provided and operable? 4. Does the system have an active source water protection Ownership of WHPA Easements Zonin Contingency Plan for loss of source Wellhead P promote Source Water Protection Other | program? | If yes, v | what control n | neasures are i | in place? |

| Name | of Sy: | stem: | Crossett Water | Commiss | ion | | | | | | PWS # <u>017</u> | |
|--------------------|--------|--|---|---|--|--|--|---|--|--|-------------------------------------|------------------------------|
| | | | | | | Well | Source | | | | Source:(| #_4_of_5_) |
| Source Name | e Enti | y ID #: | 104 X 0 | Groundwa | | GWUDI nifer(s) <u>C</u> | | Source Ty | pe Code Ma | W (Groun | ndwater - W, ping Capacity | GWUDI - G) 394_GPM |
| Locat | ion of | Source | : Hwy Ashley | 7E Extens (Give d | ion of W irections | ater Well I from majo | Road East or road/str | of WTP. eet or hig | hway int | ersection.) | | |
| SE II | 0# | Wel | l # / Name | Date Drilled | Total Depth (ft) | Casing Size (in) | Casing Depth (ft) | Grout Depth (ft) | Well Yield (gpm) | Protection Radius (ft) | Latitude (d/m/s) | Longitude (d/m/s) |
| 104 | | | | 1972 | 170 | 16 | 132 | 132 | 394 | 20 X 20 | 33/06/25 | 91/56/28 |
| Yes N N N | × | 1. 2. 2.1 2.2 2.3 | Is well and loca Raw water qual The well has bee Treatment is not Parameters of co CO ₂ O What is the natu Other | tion appr lity/quant en determi required a oncern in t ther re of the i | oved by ity is not ned not t according he raw w Hardr mmediate | t indicative to be hydro to the recenter. ness e vicinity? | e of an intellegically squirements None | sensitive. of the G' Microb dential | (∐ N// WR. (☐ ial ⊠ I | A) N/A) ron Mai trial Ag | ricultural D | H ₂ S ☑ Forest |
| | | | List possible sou Has the system I Source location Is the required n | been free o | of shortag | ges of sour | ce in the p | ast? | | | | |
| | | 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 3.10 3.11 3.12 | Method (s): What is the size Are raw water p Are multiple po Is well site prop Is adequate cond Is the casing and Does the casing Does well vent Does well have Are check valve properly? | Ownersl of the own oumping far wer source pad serily drain-crete pad serily drain-crete pad sextend (1 sealed? terminate suitable rees, gate va | nip ned/prote ned/prote nedities (es or aux ed and proundi equate? 2in.) abo 24 inches aw water lves, wat | Ordinance ected area? i.e. Well s iliary powrotected from well he we the floor s above floor sample ta | is East points avoir flooding ad present our/slab and por/ground p? | 20' X 2 s, etc.) ad ailable ar ag? t, if requir safely ab | lequate and operable red? (bove the rede operable red operable rede operable red operabl | nd in good reple? N/A) maximum flo and is it prop | pair? od elevation? erly screened | ? |
| Cor | nment | 3.14 4. | Is lightning pro Is draw down g Does the system Ownership Contingence promote Source 3.4 System of checked to veri | auge prov n have an of WHPA y Plan for e Water Pr | ided and active so Ea loss of so otection | urce water sements ource \(\subseteq \) Othe | protection Zonit Vellhead F | ng () Protection f operatin | Ordinance Area Sig | es ⊠ Reso gns ☐ Loc | lution 🔀 🖰 | mergency Plar loped to |

Name of System: Crossett Water Commission PWS # 017 Well Source Source:(# 5 of 5) Source Entity ID #: 105 ☐ GWUDI Source Type Code W (Groundwater - W, GWUDI - G) Name of Source Well #5 Source Aquifer(s) Cockfield Maximum Pumping Capacity 620 Location of Source: Hwy Ashley 7E Extension of Water Well Road East of WTP. (Give directions from major road/street or highway intersection.) Casing Well **Total** Casing Grout Protection Date Latitude Longitude SE ID# Well # / Name Depth Size Depth Depth Yield Radius Drilled (d/m/s) (d/m/s)(ft) (in) (ft) (ft) (gpm) (ft) 105 Well #5 2004 192 20 143 143 100 X100 33/06/24 91/56/05 620 (See Pumping Facilities for Additional Information) 1. Is well and location approved by the ADH? Raw water quality/quantity is not indicative of an immediate sanitary risk? 2. The well has been determined not to be hydrologically sensitive. (N/A) Treatment is not required according to the requirements of the GWR. (N/A) 2.3 Parameters of concern in the raw water. None Microbial Iron Manganese CO₂ Other_ Hardness What is the nature of the immediate vicinity? Residential Industrial Agricultural 2.4 □ Forest List possible sources of pollution: Possible residential and/or forestry chemicals and transportation spills. 2.5 Has the system been free of shortages of source in the past? Source location, construction, maintenance or operating practices does not result in a sanitary hazard. 3.1 Is the required restricted zone adequately controlled? Method (s): ☐ Ownership ☐ Ordinances ☐ Easement ☐ Zoning ☐ Fencing What is the size of the owned/protected area? 3.2 100' X 100' 3.3 Are raw water pumping facilities (i.e. Well size, pumps, etc.) adequate and in good repair? 3.4 Are multiple power sources or auxiliary power units available and operable? 3.5 Is well site properly drained and protected from flooding? 3.6 Is adequate concrete pad surrounding well head present, if required? (\(\backslash N/A)\) 3.7 Is the casing and grout adequate? 3.8 Does the casing extend (12in.) above the floor/slab and safely above the maximum flood elevation? 3.9 Is top of casing sealed? 3.10 Does well vent terminate 24 inches above floor/ground/ max. flood level and is it properly screened? 3.11 Does well have suitable raw water sample tap? 3.12 Are check valves, gate valves, water meters and appropriate appurtenances provided, operated and maintained properly? 3.13 Is lightning protection provided? 3.14 Is draw down gauge provided and operable? Does the system have an active source water protection program? If yes, what control measures are in place? Ownership of WHPA Easements Ordinances Resolution Emergency Plan Contingency Plan for loss of source Wellhead Protection Area Signs Local Team developed to promote Source Water Protection Other_ 3.4 System owns two portable generators capable of operating one well each. Comments:

Arkansas Department of Health

| lame of Systen | n: | rossett W | ater Cor | nmission | | | | PWS #_017 | <u> </u> |
|-------------------------|---------------------|------------------------------------|-----------------|--------------------------|--|------------------------------|----------------------|---------------------|--------------------------|
| | | | | | Treat | ment Plant | | | |
| | | | | | COLUMN TO SERVICE AND ADDRESS OF THE PARTY O | Page 1) | | Plan | t:(#_1_ of _1_ |
| ant ID # 01 | Plar | t Name: | | WTP# | | 87 | | | |
| ant Location: | | 1100 Wa | aterwell | Road in sou | theast Crosse | ett | All becalving | | |
| | | | ((| Give direction | ons from maj | or road/street of | or highway intersect | tion.) | |
| | | | | | | | | | |
| rpose Su Plant D | rface_ isinfecti | ion 🛛 I | 🛭 | Iron/Mangaion | anese Remov rrosion Cont | ral/Control rol 🛛 Other_ | Org | anic/DBP Remova | 1 |
| eatment Pro | | | le Systen | n Flow Scho | ematic & Loc | cate Chemical 1 | Injection Points & \ | Water Quality Mon | itoring Sites) |
| Aeration: | | | Trav | ☑ Forced/ | Induced Draf | ft Pressu | re Approved Ca | anacity 4.5 | MGD |
| Disinfection | ype: 🏻 | Pre 🛛 | Interme | ediate 🖂 | Final 1 | Breakpoint Chl | orination Boo | ster (Indicate on F | low Schematic) |
| | | Outer_ | | | Location(s |) for CT conta | ict | | |
| Plan | t Segm | ent | D | Type of isinfectant Used | | nnt Injection oint | CT Monitoring F | | @ Maximum Rate (min.) |
| | | | | Oscu | | | | | |
| | | | | 100 | | | | | |
| | | | | | | | | | |
| Flocculation | nnk: Vo | Hydrauli Dimens | ic Mesions (ft. | Gal. Detentechanical | tion Time: Approv | 20 min. Dime red Capacity | tical Detention | 8" W 17'-0" Dia | # of |
| Train | L | W | Dia. | D | | T | ime (min) | Velocity (fpm) | Chambers |
| | | | | | | | | | |
| Sedimentat | ion: [| THE RESERVE TO THE PERSON NAMED IN | late Settl | Upflow ers-Area | ft² | Аррі | Contact Clarific | MGD · | MA ENTE |
| Treatment | | Dimen | sions (ft | L) | Volume | Theoretical | Flow-through | Loading Rate | Weir Loadin |
| Train | L | w | Dia. | D | (gal) | Det. Time (min.) | Velocity (fps) | (gpd/ft²) | Rate (gpm/ft |
| Up-Flow Clarifier #1 | | | 55'-0" | 13'-11" | 247,000 | 105 | 10.24 | 1.16 | 11.74 |
| Up-Flow Clarifier #2 | | | 55'-0' | 14'-1" | 250,000 | 80 | 13.65 | 1.55 | 15.66 |
| | | | | | | | | | |

Comments: *Operating level (depth) is 14' - 9". The turbine motor for Basin #2 is out for repair. The turbine motor for Basin #1 was running hot and noisy. It should be checked to verify that this is normal operation and not about to fail.

Arkansas Department of Health

| Name of | f System: | Crosse | tt Wat | ter Commi | ssion | | | | | PWS #_017 |
|----------|--|-------------------------------|---------------------------|---|--|--|---------------------|-----------------------|-----------------------------|--|
| Plant ID | #_01_ | Plant Nar | ne: | | | eatment P (Page 2) | <u>lant</u> | | | |
| Filtra | | | | | | ag/Cartridge | Other | | Арլ | proved Capacity: _4.5 _MC |
| Filter | Dim L | ensions (ft | .) | Area (ft²) | Filtration Rate (gpm/ft²) | Backwa Rate (gpn | | Media Type | Media Code | Micron Rating (final bag/cartridge filter |
| #1 | 18'-0" | 14'-0" | | 252 | 3.1 | 17.9 | | Sand | 070 | |
| #2 | 18'-0" | 14'-0" | | 252 | 3.1 | 17.9 | | Sand | 070 | NA NA |
| #3 | 18'-0" | 14'-0" | | 252 | 3.1 | 17.9 | | Sand | 070 | NA NA |
| #4 | 18'-0" | 14'-0" | | 252 | 3.1 | 17.9 | | Sand | 070 | NA NA |
| Mem | brane: | Backwash Backwash Micro | Wate Ultra | er Pump: <u>4</u> er Tank Ca Filtration | Description of the second of | 43 Ft of F l. Bag/Cart ion □ Rev | lead ⊠ Fridge Pre-f | Rate of I | Flow Contro ore Size Rat | ingMGD |
| | | Frequency Train Array | # o | type of che f bundles cassettes | Loss emical cleaning _ Flux Rate (gpd/ft²) | Media Type | Med Cod | ia Po | ore size or | Frequency of Pressure Decay Tests |
| | | | | | | | | | | |
|] Seque | idation: | Fluoridation Sequesteri | fluosi on sta ng Ag | licic Acid rtup date: _ gent: | e/Soda Ash ⊠ ☐ Sodium Sili 1974 Gi | icofluoride ive type and P | Sodiur | n Fluori norizatio | ide on:C | City Counsel Ordinance (197 |
| Clear | The state of the s | N | | | | | | | | |
| | #/ | Name | | | Capacity | | nsions (ft. |) | Total Dep | oth Minimum Operating |
| | | | | | (gallons) | L | W | Dia | (ft.) | Depth (ft.) |
| Clearwe | ell#1 | | ···· | | 139,450 | 66'-6" | 28'-0" | | 10'-0" | 3'-0" |
| Comm | nents: Ti | ne filter con ne repair ne | atrol r | oom had a | roof leak that I | nad caused so | ome damag | e to the | controls. Se | ee the attached pictures. |

Page 9 of 17

Arkansas Department of Health

| Name of | Systen | n:C | ossett Water Commission PWS # 017 |
|----------|-------------|--------------------------|--|
| | | | |
| | | | Treatment Plant (Page 3) |
| Plant ID | # 01 | Plan | it Name: WTP#1 |
| • Yes | <u>No</u> N | 1. | Are treatment plant and individual processes functioning properly and within approved design parameters to ensure water quality? Aeration Mixing Coagulation/Flocculation Sedimentation Filtration Disinfection Other |
| | | 1.3 1.4 1.5 1.6 | Is operation and maintenance of unit processes satisfactory? Is the finished water quality satisfactory? Is site free from outside contamination? (i.e. aerial spraying, stack emissions, flooding, etc.) Is finished water pumping capacity adequate? Is standby or auxiliary power available and operable? Is master meter adequate and operable? In unknown Are structures and grounds satisfactory? Are instrumentation and controls adequate and operable? Backwash water is not recycled. If no, where is recycle fed |
| • 🗆 | | 3. 4. | Has fluoride residual been maintained at optimum level during the past twelve months? (N/A) Are alarms with auto dialers and/or automatic shutdown provided for turbidity and disinfection control for surface and GWIDI systems when plant is unstaffed. (N/A) |

| | Pro | ocess Alarms | | |
|--------------------------|-------|--------------|-------------|---------------------------|
| Process or Water Quality | Set F | Points | Auto-dialer | Auto-Shutdown (Yes/No) |
| Parameter Monitored | Low | High | (Yes/No) | |
| Tank #1 & Tank #2 levels | 30.0' | 39.0' | Yes | No |
| Ground Tank levels | 30.0' | 39.5' | Yes | No |
| Clearwell levels | 2.5' | 9.8' | Yes | No |
| | | | | |
| | | | | |
| | | | | |

Comments: 1.5 System has two portable generators capable of operating WTP.

| Name of System:_ | Crossett Water Commission | | PWS # <u>017</u> |
|------------------|---------------------------|-----------------|------------------|
| | | Treatment Plant | |
| | | (Page 4) | |
| Plant ID # 01 | Plant Name: WTP #1 | | |

| Chemicals Added | Type of Feeder | Model | Feeder Capacity | Function | Code | | | |
|--------------------|-----------------|--------------------|-----------------|----------------|------|--|--|--|
| Chlorine | Gas | Hydro Instruments | 100#/day | Disinfection | 001 | | | |
| Lime | Dry | Merrick Model 50-D | 960#/hr. | Softening | 007 | | | |
| arbon Dioxide | Gas | Tomco Systems | 1500#/day | Re-carbonation | 012 | | | |
| Fluoride | Acid | Thermo Scientific | 70 #/hr. | Dental Health | 016 | | | |
| | Feeder | | Co | ntrol System | | | | |
| | Chlorine | | Ray | w Water Flow | | | | |
| | Lime | | Raw Water Flow | | | | | |
| | Carbon Diox | ide | Raw Water Flow | | | | | |
| | Hydrofluosilici | 4-44 | Raw Water Flow | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Yes XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | <u>№</u> | Are chemicals used in the treatment process NSF 60/61 listed? Are chemical storage and feeder facilities secured and adequately ventilated (if needed)? Is the chemical feed equipment being operated and maintained properly? Are proper feed system appurtenances provided? Scales Calibration equipment Meter Water Softener Other |
|--|-----------|---|
| \boxtimes | O series | 5. Is adequate safety equipment available and easily accessible? Gloves Apron Boots Safety Goggles Dust Mask Shower Eye wash Other |
| \boxtimes | | Proper type(s) of leak detection provided <u>Ammonia and W & T automatic alarm</u> (N/A Are chemical feed or supply lines free of cross-connections. (See question #2 under Cross-Connection Control Section) |
| | | Gas Chlorine Feed Systems (N/A) 1. Are chlorine storage and use areas isolated from other work areas? 2. Is the chlorine room force ventilated to the outdoors through exhaust grills located at floor level? 3. Is a suitable breathing apparatus available, operable, and easily accessible? 4. Are all doors hinged outward and equipped with panic bars or other safety device? 5. Is a viewing window provided? 6. Are all gas cylinders restrained to wall by chaining or by other means? 7. Are switches for the light and fan located outside of and close to the door? |
| □ Co | mments: | Ozone or Hypochlorite Generation Systems (N/A) 1. Gas destruction and/or ventilation provided? (O3-ozone or H ₂ S-hypochlorite generation) |
| | arvirges. | |

| Name of System: | Crossett Water | r Commission |
|------------------|----------------|--------------|
| Marine of System | Crossett Water | Commission |

PWS # 017

Monitoring, Reporting, and Data Verification

| | | Laborator | ry Testing & | Equip | pment | | |
|----------------------|-------------|------------|---------------|-------|-----------------|-----------|-------------------------|
| Lab Tests | Frequency | Sample L | ocation | | Method | | Make & Model # |
| Chlorine | Twice Daily | Plant | Lab | | DPD | 800001111 | Hach DR 2000 |
| Chlorine | Monthly | Per Sample | Site Plan | | DPD | | Hach DR 2000 |
| Fluoride | Daily | Plant | Lab | | DPD | | Hach DR 2000 |
| pН | Daily | Plant | Lab | H | ach / Electrode | Ha | ch Sension One pH Meter |
| Hardness | Daily | Plant | Lab | E | DTA Titration | | |
| Temperature | Weekly | Plant | Lab | | Thermometer | | |
| Alkalinity | Daily | Plant | Lab | | Titration | | |
| | | Ca | libration Rec | ords | | | |
| | Calibration | Date Last | Are Calibra | tion | | Field V | erification |
| | Frequency | Calibrated | Logs Avail | able | ADH Res | ults | System Results |
| Chlorine Finish Tot | | | | | 1.11 | | 1.60 |
| Chlorine Finish Free | | | | | 0.96 | | 1.30 |
| Fluoride | | | | | 0.7 | | 0.5 |
| pH lab | | | | | | | 7.91 on 7.0 standard |
| | | | | | | | |
| | L | | | | | | |

| Yes N N N N N N N N N N N N N N N N N N N | 2000000000 | N/A | 1. 1.1 1.2 1.3 1.4 2. 2.1 2.2 2.3 | Are laboratory facilities, testing equipment, and procedures, accurate, adequate, and operable? Are records of lab tests being maintained? Do reagents used have an unexpired shelf life? Are continuous turbidimeters and recorders provided on each filter? Is continuous chlorine analyzer and recorder provided on plant effluent? Is all routine compliance monitoring up-to-date? (Check monitoring status report.) Are the proper numbers of bacti samples being collected? Number required? |
|---|------------|-----|---|--|
| | | | 3. | Is the system monitored according to ADH approved methods and sample site plan(s)? Bacti CT Disinfectant Residual THM HAA5 ClO ₂ Residual Distribution System Samples (N/A) Chlorite Distribution System Samples (N/A) Other |
| \boxtimes | | | 4. | Is the system in compliance with the monitoring and reporting requirements of the Lead and Copper Rule as outline in their approved Optimal Corrosion Control and Treatment plan? |
| | | | 5. 6. 7. 7.1 7.2 | Are fluoride check samples submitted monthly? Are daily fluoride analyses performed, results recorded, and submitted monthly? Does the system accurately complete Monthly Operational Report forms? Has the system submitted Monthly Operational Report forms on time? Does the system have the proper records on file and available for review? Bacteriological and Chemical Analysis Reports Source Water Assessment Report Sample Site Plans Optimal Corrosion Control and Treatment Plan for Lead & Copper Rule (N/A) Disinfection Profile and Benchmark Report (N/A) Filter Profile Report (N/A) Filter Self-Assessment Report (N/A) CPE report (N/A) |
| Cor | nmen | | | water system laboratory should start a routine calibration of the laboratory equipment and maintain a written record librations. |

| Name of System:_ | Crossett Water Commission | PWS # 017 |
|-----------------------|---------------------------|------------|
| I TELLING OF DISCUSS. | Crossett Water Commission | 11,011,011 |

Pumping Facilities

| Name / Location | Pump Type | Capacity (GPM) | TDH (Ft) | Motor HP | Function | Control System |
|---------------------|--------------|-------------------|-------------|-------------|--------------------|------------------------|
| Raw Water #1 | VT | 528 | 130 | 30 | Raw Water to Plant | Clear Well Level |
| Raw Water #2 | VT | 363 | 130 | 30 | Raw Water to Plant | Clear Well Level |
| Raw Water #3 | VT | 384 | 130 | 30 | Raw Water to Plant | Clear Well Level |
| Raw Water #4 | VT | 394 | 130 | 30 | Raw Water to Plant | Clear Well Level |
| Raw Water #5 | VT | 620 | 143 | 40 | Raw Water to Plant | Clear Well Level |
| | | | | | | |
| Low Service Pump #1 | VT | 1040 | 48 | 20 | Transfer Pump | Pressure Switch |
| Low Service Pump #2 | VT | 2080 | 50 | 40 | Transfer Pump | Pressure Switch |
| Low Service Pump #3 | VT | 2080 | 50 | 40 | Transfer Pump | Pressure Switch |
| Low Service Pump #4 | VT | 4500 | 43 | 60 | Back Wash Pump | Pressure Switch |
| | | | | | | |
| High Service #1 | VT | 1000 | 220 | 75 | Pump to System | Pressure Switch @ Tank |
| High Service #2 | VT | 2500 | 220 | 224 | Pump to System | Pressure Switch @ Tan |
| High Service #3 | VT | 2500 | 220 | 224 | Pump to System | Pressure Switch @ Tan |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | # 1 P 1 P 1 | | | | |

| Yes | <u>No</u> | 1. | Pump redundancy, capacity, location, power supply, or controls do not result in negative or repetitive low pressures or water quality problems. |
|-------------|-----------|-----|---|
| XX | П | 2. | Finished water pump well/clearwell is watertight. |
| \boxtimes | | 3. | No cross connections exist; i.e.: water sealed pumps utilizes only potable water; heating and cooling water are not returned to the reservoir or distribution system. |
| | | 4. | Pump lubricants other than potable water are NSF 60/61 or FDA listed. |
| C | ments: | All | High Service Pumps and the Backwash Pump were replaced in 2009. Backup generator can operate one Hig |

Arkansas Department of Health

| | | PWS # 017 |
|----------------------|---------------------------|-----------|
| Name of System: | Crossett Water Commission | PWS#U1/ |
| TABLISC OF SARCHETTE | Clossell Water Commission | |

Storage Facilities

| Name / Location | Total Capacity (Gallons) | Useable Volume (Gallons) | Type of Storage | Overflow Elevation (Ft - MSL) | Contro | l System |
|-----------------------|-----------------------------|--------------------------------|--------------------|----------------------------------|---------|----------|
| Clearwell | 139,450 | 0 | Ground | 142 | Pressur | e Switch |
| Ground Tank @ Plant | 1,000,000 | 0 | Ground Storage | 183 | Pressur | e Switch |
| Tank #1 Elevated Tank | 500,000 | 500,000 | Elevated | 289.5 | Pressur | e Switch |
| Tank #2 Elevated Tank | 750,000 | 750,000 | Elevated | 289.5 | Altitud | le Valve |
| | | | | | | |
| Total: | 2,389,450 | 1,250,000 | Useable Storage | at Average Demand: | 32.6 | Hours |
| | | | Total Storage at | Average Demand: | 62.3 | Hours |

| Yes | No | 1 | Are the storage tanks in a state of good repair and maintained to ensure water quality and the reliability |
|-------------|--------|--------|---|
| | | •• | of the water system? |
| X | П | 1.1 | Are overflow line, air vent, drain line and roof hatch properly constructed, covered or screened? |
| X | Ħ | 1.2 | Do low water levels provide adequate pressures? |
| | Ħ | 1.3 | The interior tank conditions/coatings do not pose a threat to public health. Unknown |
| 図 | П | 1.4 | Are instruments and controls adequate, operational and being utilized? |
| X | Ħ | 1.5 | Are sites properly drained and protected from flooding? |
| X | Ħ | 1.6 | Is control valve pit properly drained and protected from flooding? |
| X | Ħ | 1.7 | Are tanks adequately protected against corrosion? |
| X | П | 1.8 | Are sites adequately protected against vandalism? Site fenced and locked Roof hatch locked |
| | *** | | Bottom rung of ladder removed Other |
| \boxtimes | | 1.9 | Are tanks disinfected after cleaning and / or repairs? |
| | ST 574 | 1.10 | What is the inspection / cleaning frequency for the tanks? <u>Tanks are inspected every year. They were last inspected and cleaned on 3/5/2009.</u> |
| \boxtimes | | 2. | Can tank be isolated from system and drained? |
| Com | ments: | 1 | he "old" 500,000 gallon tank needs to have a 24 mesh screen on the tank overflow. The 1 million gallon |
| | | age ta | nk may have foundation problems. Please see the attached pictures. Part of the foundation appears to have |
| settle | ed and | senara | ted from the tank flange. A competent structural engineer needs to evaluate the foundation to determine if |
| | | | ver of a structural failure and loss of the tank. |

Comments:

PWS # 017 Name of System: Crossett Water Commission **Distribution System** Are pressures in all portions of the system maintained above 20 psi during peak demand? If no, give reason: Is a detectable disinfectant residual level maintained in all portions of the system? 2. 3. Is a sufficient number of valves provided, properly located, and are they accessible? 3.1 Does the system have a valve exercise / replacement program? What piping materials are used? (Estimate percentage) 30% _DI/CI 35% PVC 20% Galvanized 4. 15% AC Other: Has the distribution system been free of water quality problems? Does the system have an adequate maintenance and flushing program? 6. Are mains and appurtenances properly flushed, disinfected and tested after repairs or extensions? 7. Is a licensed plumbing inspector available? 9. Does the system have a meter replacement program? Does the system have a leak detection program? 10. Is the overall condition of the distribution system acceptable? 11. Comments: **Cross-Connection Control** Does the system have an active Cross-Connection Control Program? 1.1 Who is responsible for the Cross Connection Control Program? ?Ralph Kinney? Does the governing body have an ordinance, by-law or written resolution specifically addressing cross connection control? 1.3 Is the system requiring annual testing of backflow preventers and keeping records of the tests? Is the system free of high-hazard unprotected cross-connections?

Treatment Plant ☐ Pumping Facilities ☐ Distribution Is a Cross-Connection Control Program being enforced for high-hazard services?

Have all commercial and industrial customers been surveyed?

The system has an excellent Cross Connection Control Program.

Arkansas Department of Health

| Name | e of S | Syster | n: Crossett Water Commission | PWS # <u>017</u> |
|-------------|--------|--------|--|---|
| | | | System Operations & N | <u>Management</u> |
| Ident | ify th | ne ma | nagement structure of water system. | |
| □ M | layor | :/Cou | ncil Board of Directors | Other |
| | | Г | MEMBERS NAME | TITLE |
| | | | Cecil Ritter | Chairman |
| | | 1 | Gene Crawford | Member |
| | | 1 | Mary Jo Jones | Member |
| | | | Allen K. Wilson | Member |
| | | | James Phifer | Member |
| | | | | |
| Yes | No | 1. | Is a current (i.e. less than 10 years old) Long-Range Plan/ | Master Plan on file with ADH? |
| | | | □ Long Range Plan (Date) | Master Plan (Date) |
| X | | 2. | A written emergency plan is on file at the water system. | |
| XXX | H | 3. | The emergency plan is up to date and contains the proper | names, numbers, etc. l, security measures, maintenance or repair parts to meet |
| M | | 4. | regulatory requirements and provide for the producti Adequate budget Sufficient / Qualified staff | on of an adequate quantity of safe drinking water. |
| M | | 5. | Other Have all major modifications (since previous survey) bee | n approved by ADH? |
| X | Ħ | 6. | Are the systems records being maintained according with | regulatory requirements? |
| | _ | ٠. | Maintenance and repair records System | maps |
| | | 7. | Is the maximum demand less than 80 percent of capacity | |
| | | 8. | If the system has greater than 15% unaccounted for water actions. (X) N/A) | r, are corrective actions being taken? Discuss corrective |
| \boxtimes | | 9. | Has the system been free of any violations since the last s | survey? |
| | | | ☐TCR ☐MRDL ☐IOC ☐VOC ☐SOC ☐ | Radio-chemicals |
| | | | ☐ THM ☐ HAA5 (☐ N/A) ☐ Bromate (☒ N/A) | ☐ Chlorite (☒ N/A) |
| | | | ☐ Combined filter turbidity (☒ N/A) ☐ Plant Efflue | nt Disinfectant Residual (XI N/A) |
| | | 10 | CT (N/A) Enhanced Coagulation - TOC rem | of the MCL and not trending upward significantly since the |
| \bowtie | | 10. | last survey? TTHM HAA5 Bromate (\overline{\ove | N/A) Chlorite (X N/A) |
| | | 11. | What is the required license grade level for this system? | Treatment 3 Distribution 2 |
| X | П | 12. | Does system have a completed source water assessment? | top play, area clare strong ! |
| | d | 13. | Is source water assessment report on file and accessible t | o the public? |
| | | | | |
| Co | mme: | nte: | | |
| COI | mici | 163 | | |

| | Operator Certifica | ation | |
|--|--|---|-------------|
| required State certification 2. Are all persons making ind 3. Does the system have a suf | on. ividual judgements that affect water | perform all water quality related duties? | ies have tl |
| | Title | License # | |
| Operator | riue | Dicense ii | |
| Operator Anthony Adcock | A CONTRACTOR OF THE PARTY OF TH | 08399D4 & T4 | |
| Operator Anthony Adcock Jacob Adams | Chief Operator Operator | | |
| Anthony Adcock | Chief Operator | 08399D4 & T4 | |
| Anthony Adcock Jacob Adams | Chief Operator Operator | 08399D4 & T4 09296D2 | |
| Anthony Adcock Jacob Adams | Chief Operator Operator | 08399D4 & T4 09296D2 | |

Contact Information

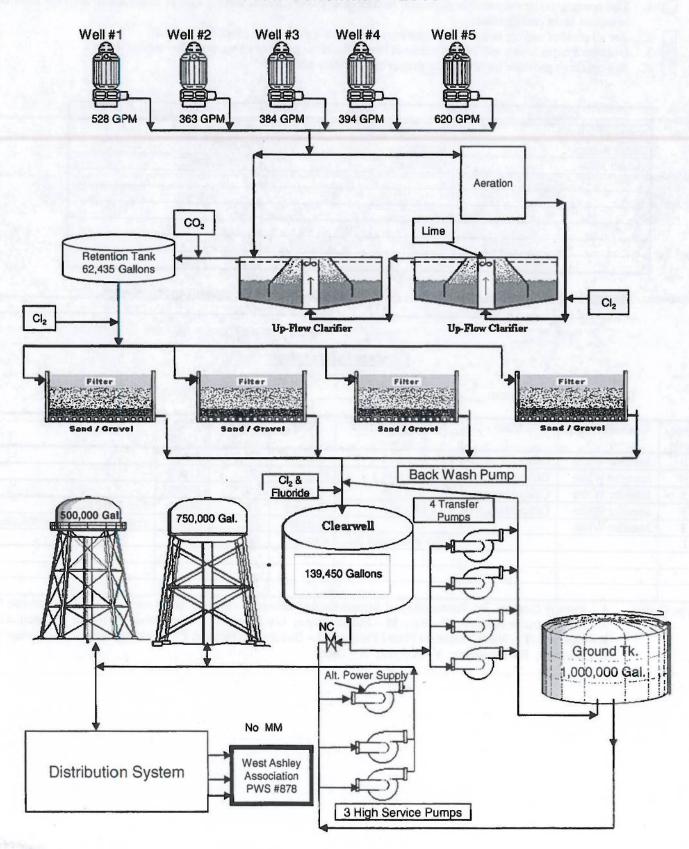
Emergency Contact Person: Anthony Adcock Emergency Contact Phone Number: 870.364.8276

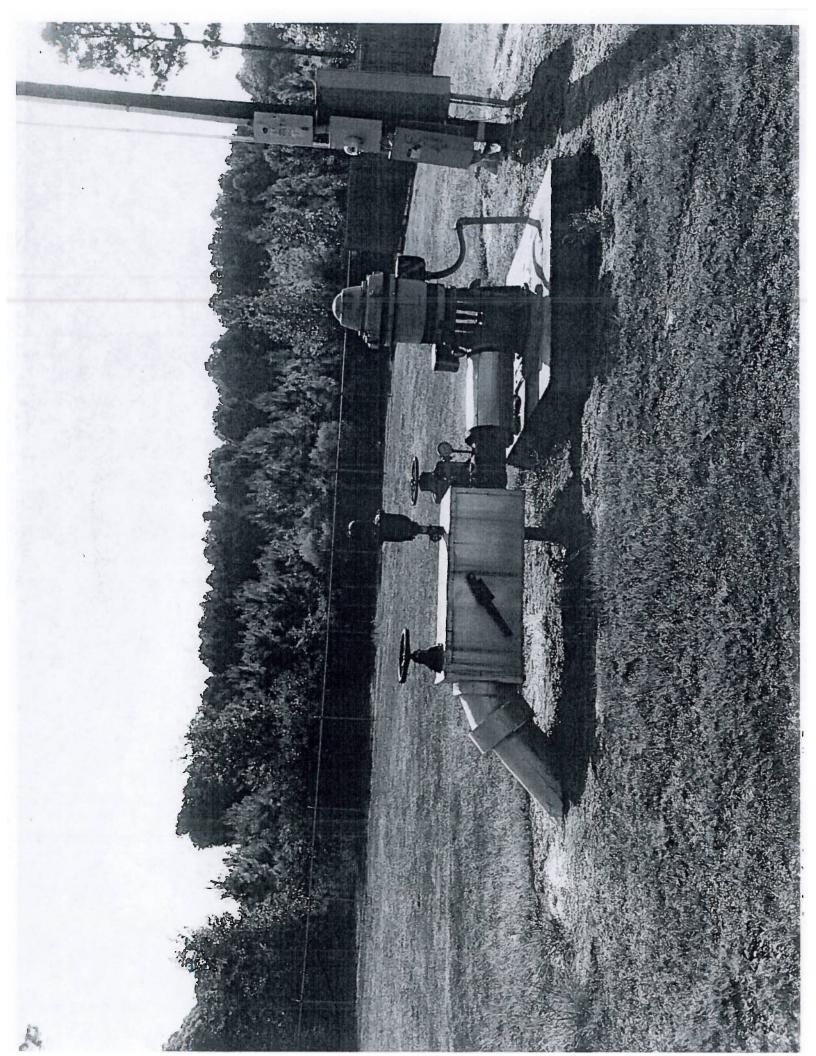
| Type Code | Contact Name | Title | Mailing Address | City | State | Zip Code | E-Mail |
|--------------|----------------|---------------|-------------------|----------|-------|-------------|------------------------------|
| В | Jennifer White | OfficeManager | P.O. Box 616 | Crossett | AR | 71635 | |
| 0 | Jennifer White | OfficeManager | P.O. Box 616 | Crossett | AR | 71635 | |
| \$ | Jennifer White | OfficeManager | P.O. Box 616 | Crossett | AR | 71635 | |
| F | Jennifer White | OfficeManager | P.O. Box 616 | Crossett | AR | 71635 | Fax 870.364.7862 |
| Ī | Jennifer White | | | Crossett | AR | 71635 | crossettwater@windstream.net |
| Ĺ | | | 1100 Waterwell Rd | Crossett | AR | 71635 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

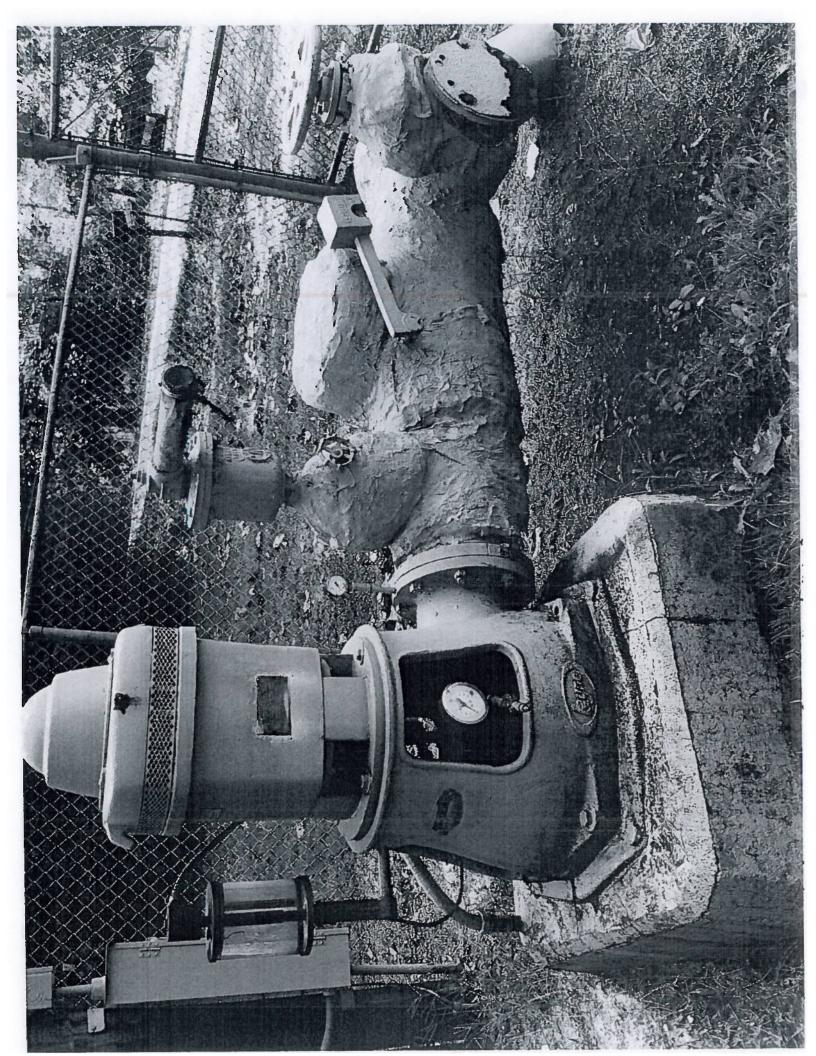
Type Codes:

- A Primary Contact; B Bacteriological Sample Bottle Mailing; \$ Billing; O System Owner / Responsible Party;
- Z Administrative Address; F Fax; M Mobile Phone; G Pager; W World Wide Web Site; I Internet E-Mail;
- R Operator; T Water Treatment Plant / Facility; D Distribution Facility; P Pumping Facility; S Storage Facility;
- L Location; E Employee; V Vendor; X Other

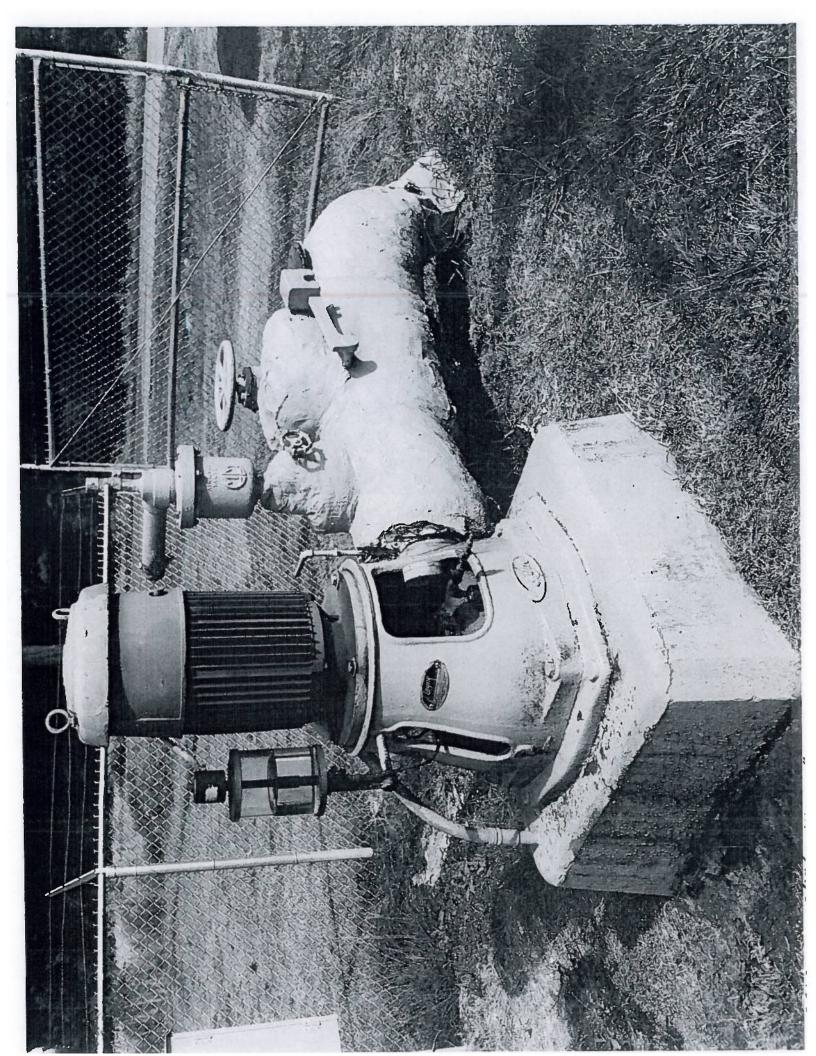
Crossett Water Commission PWS #017 Flow Schematic - 2010

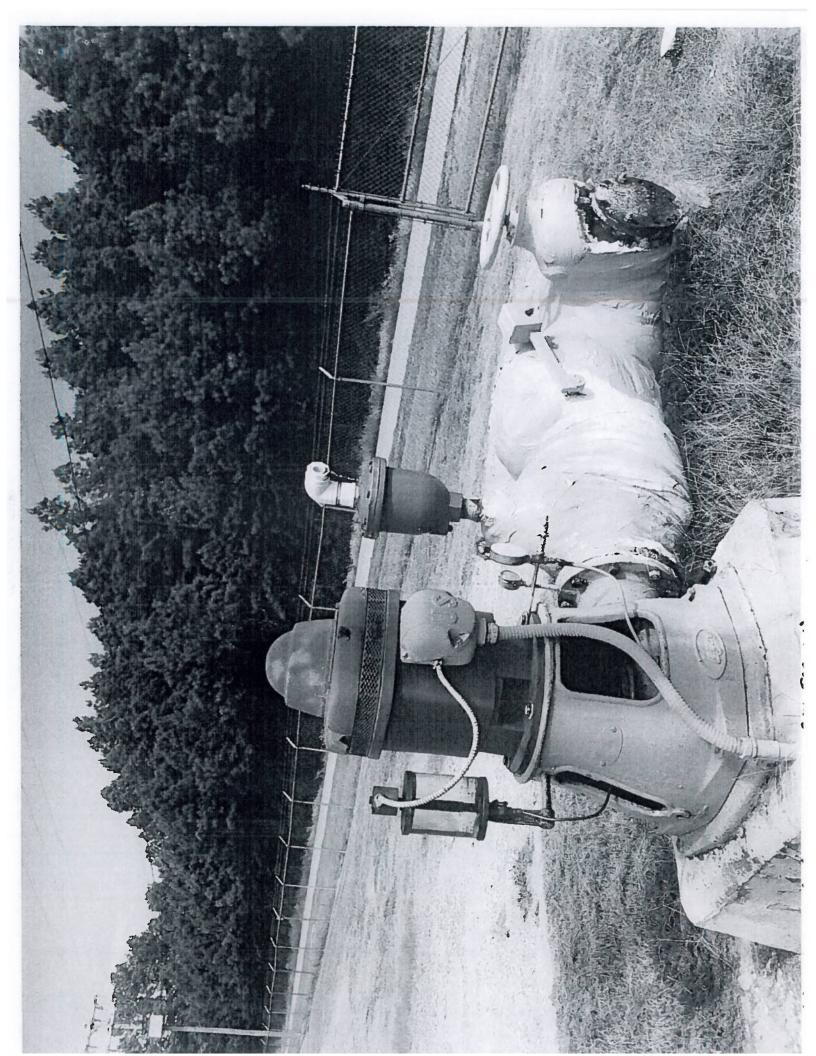


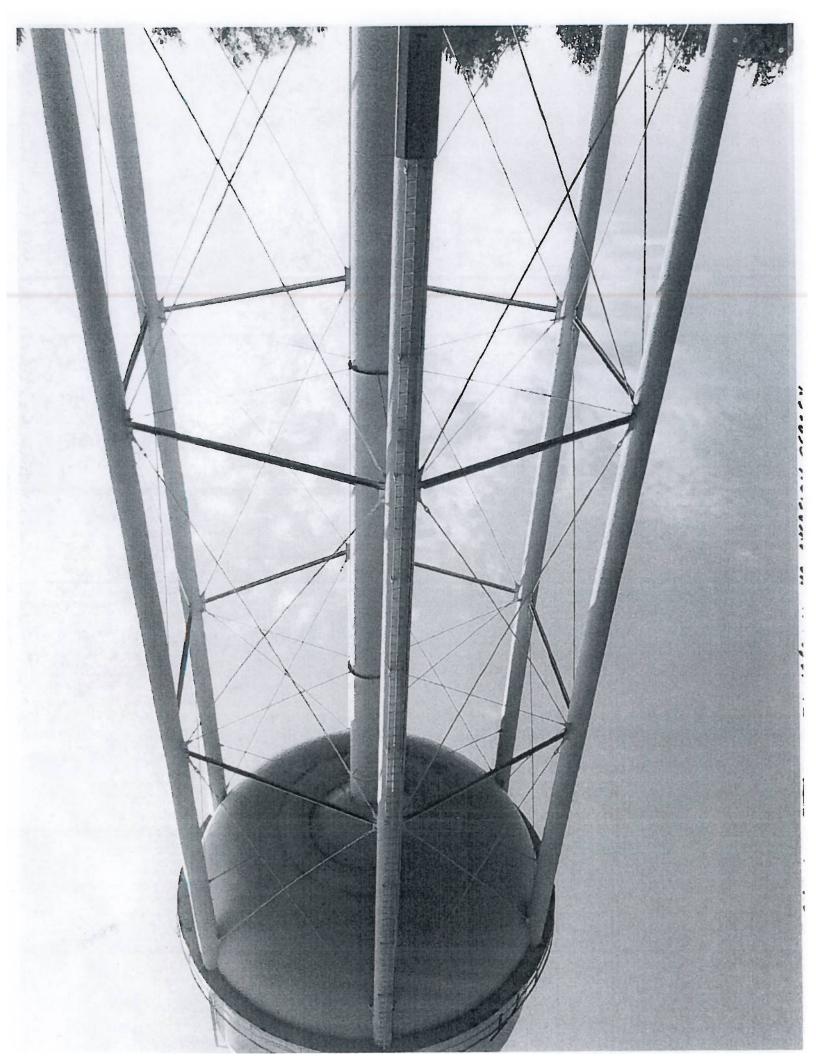


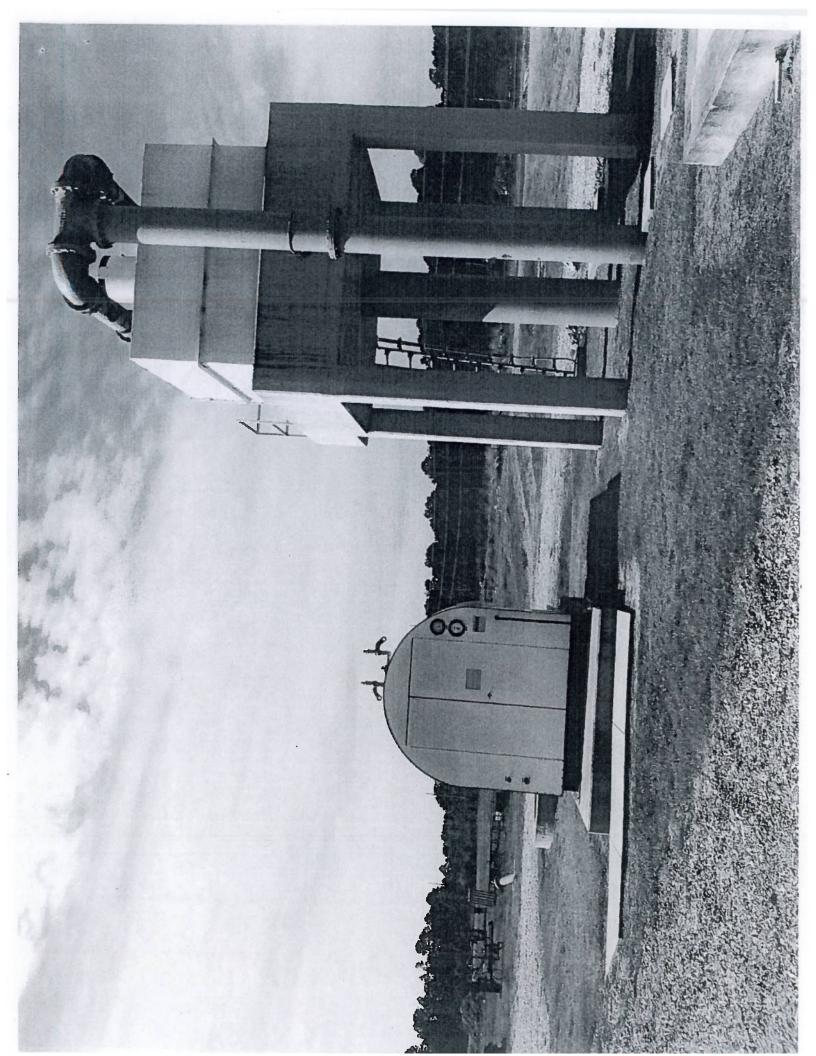


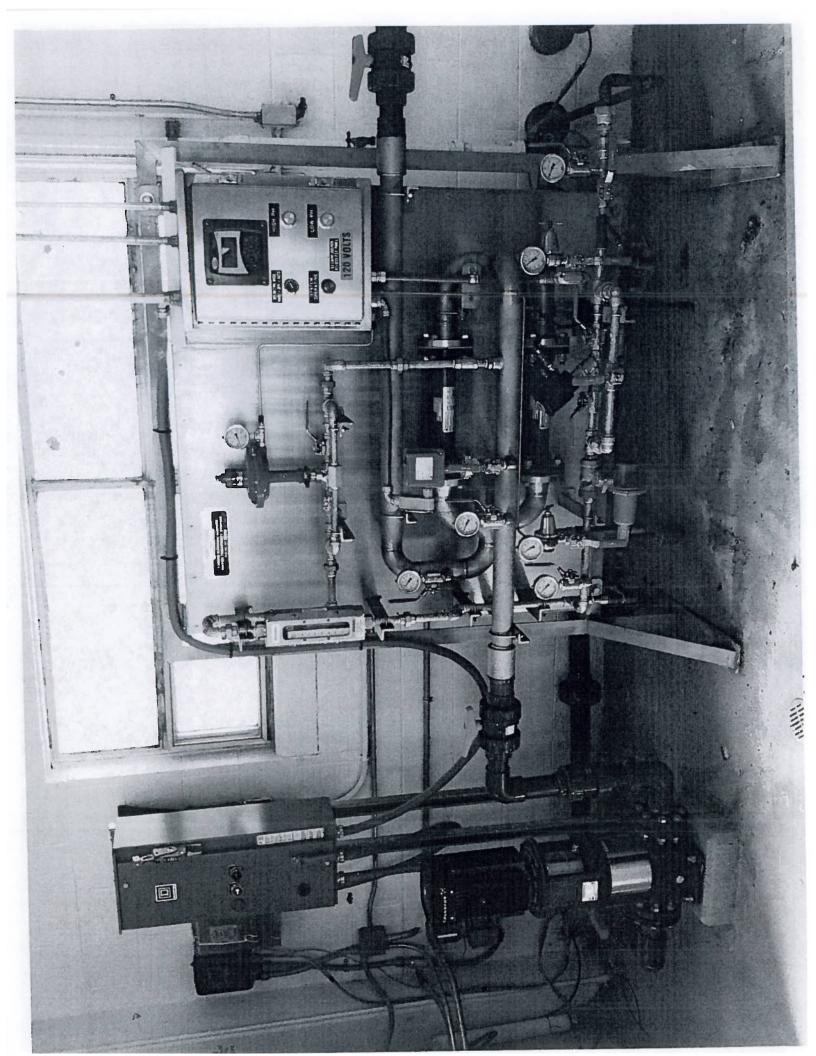


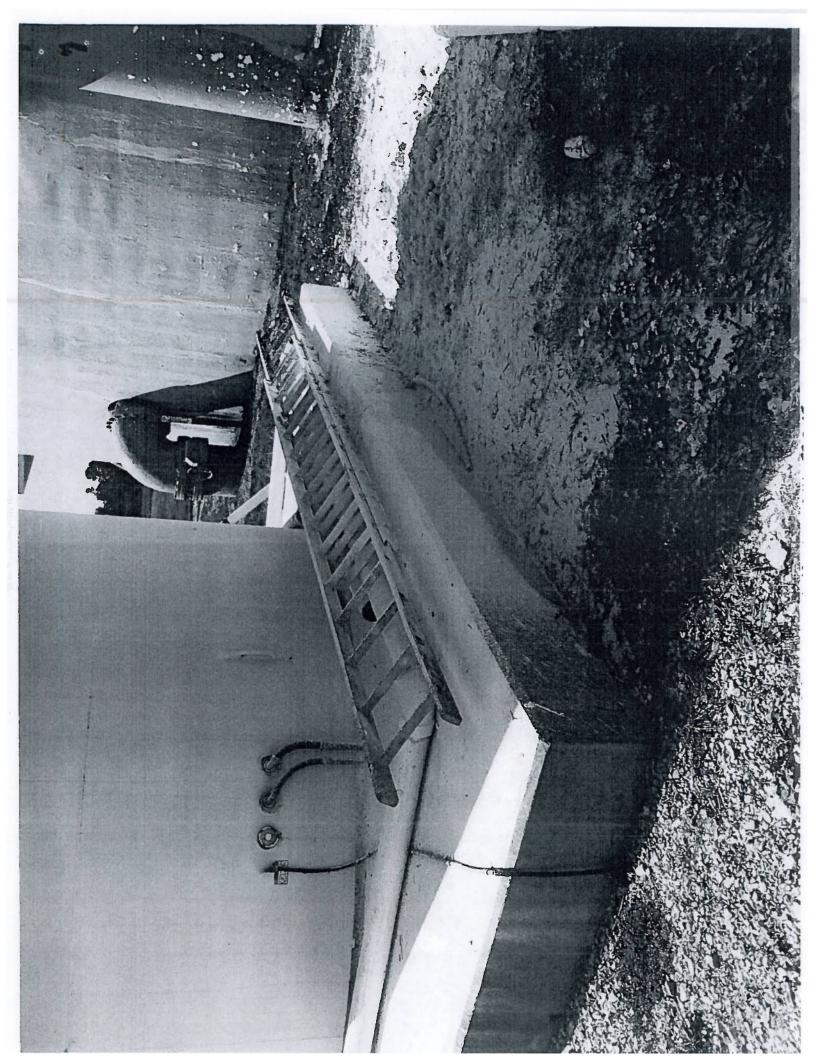


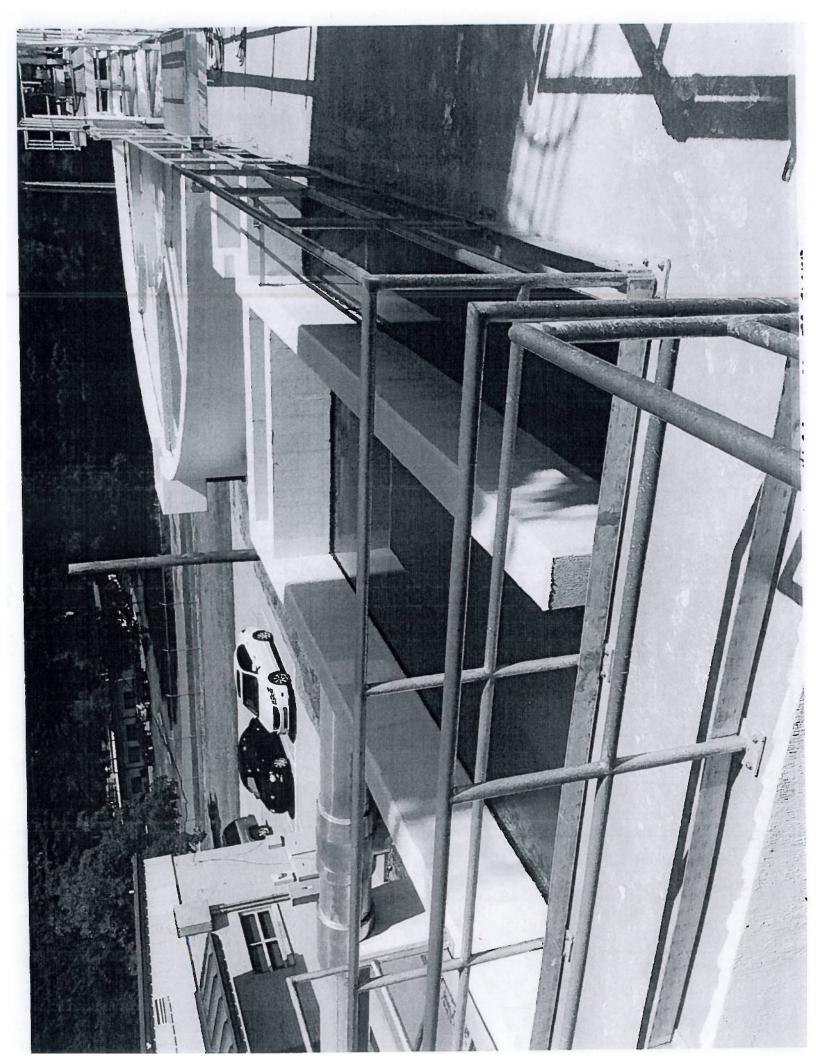


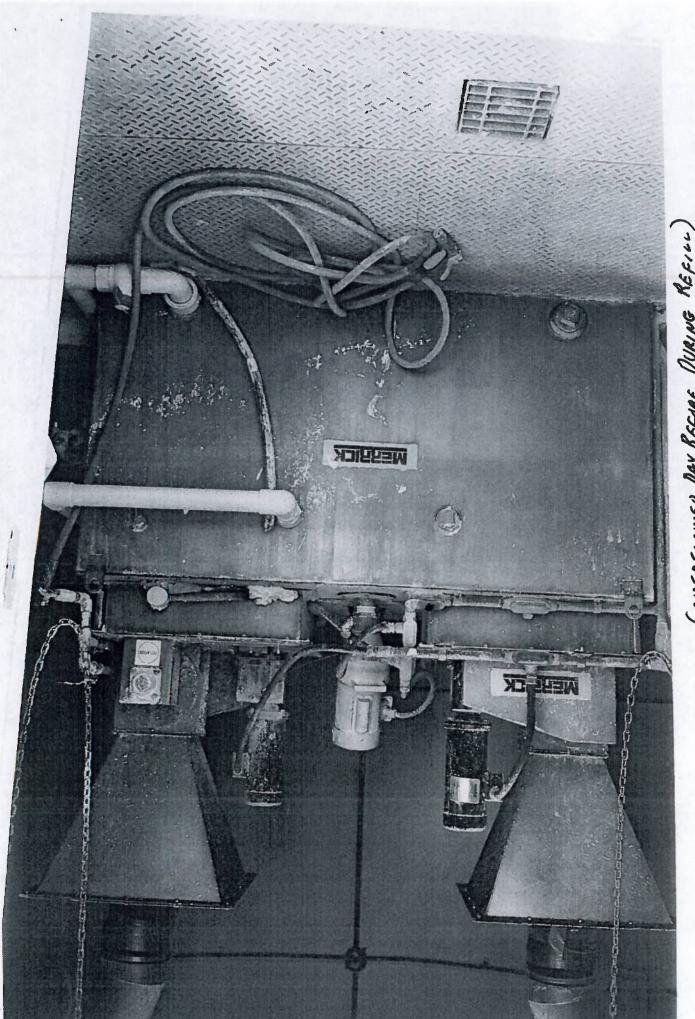




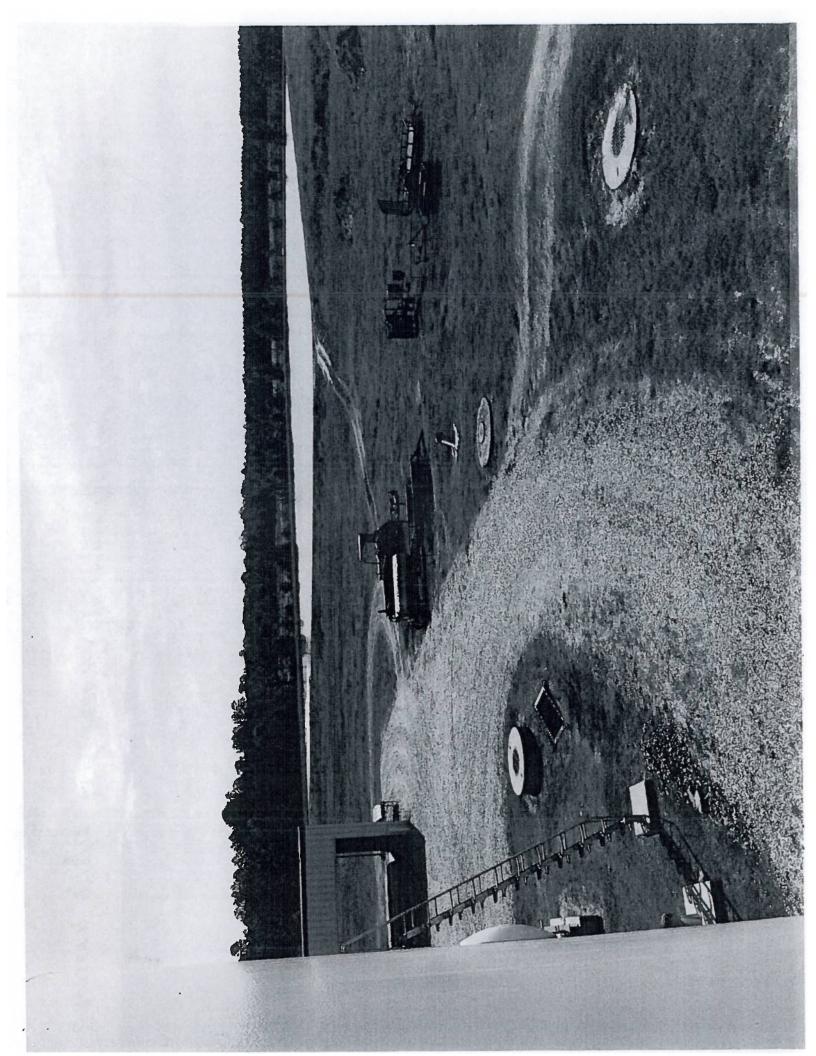


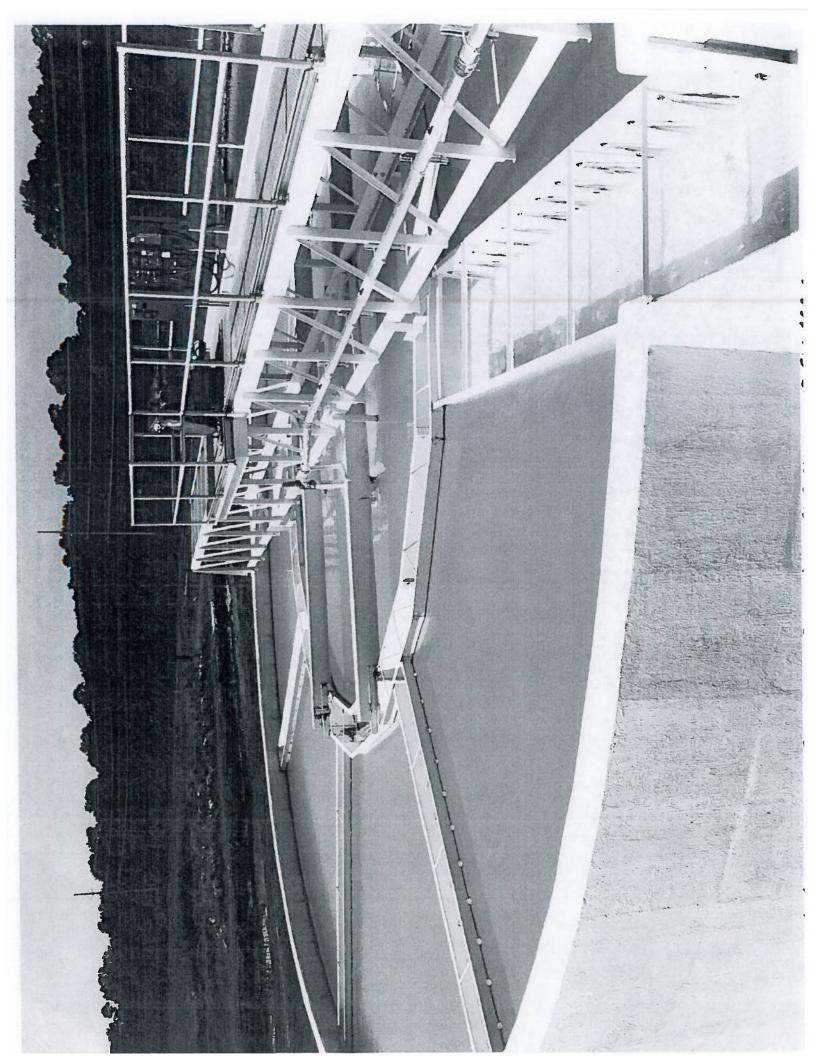


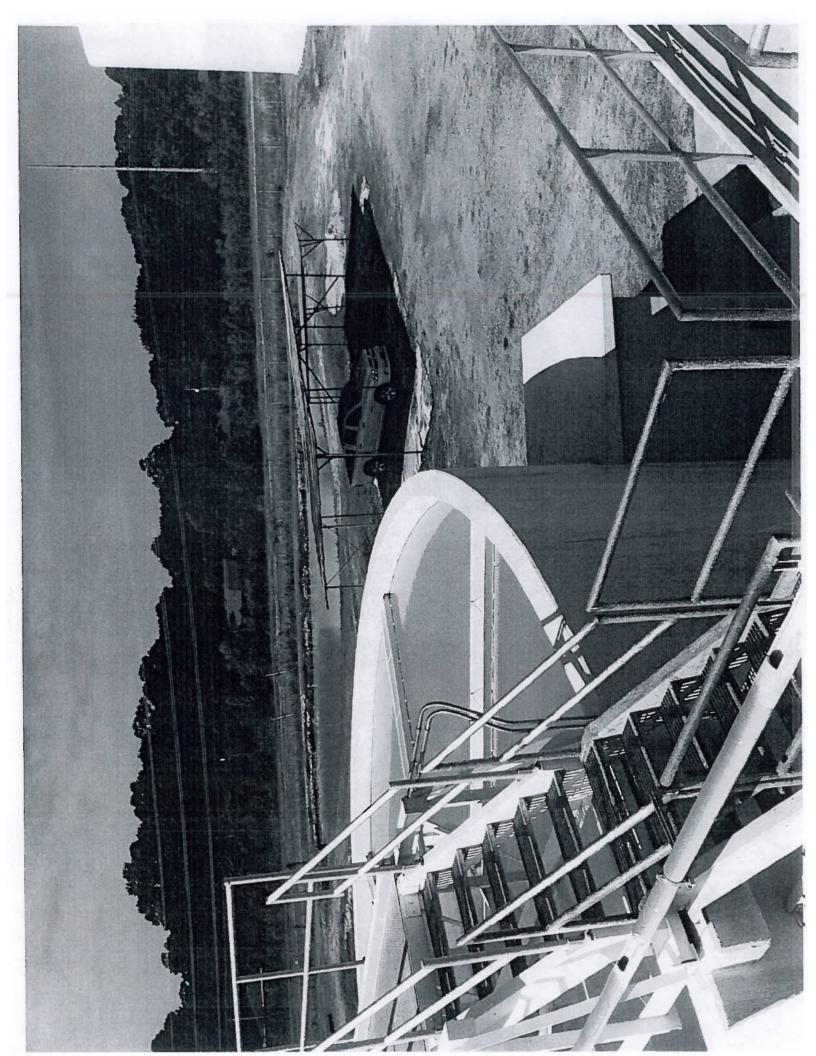


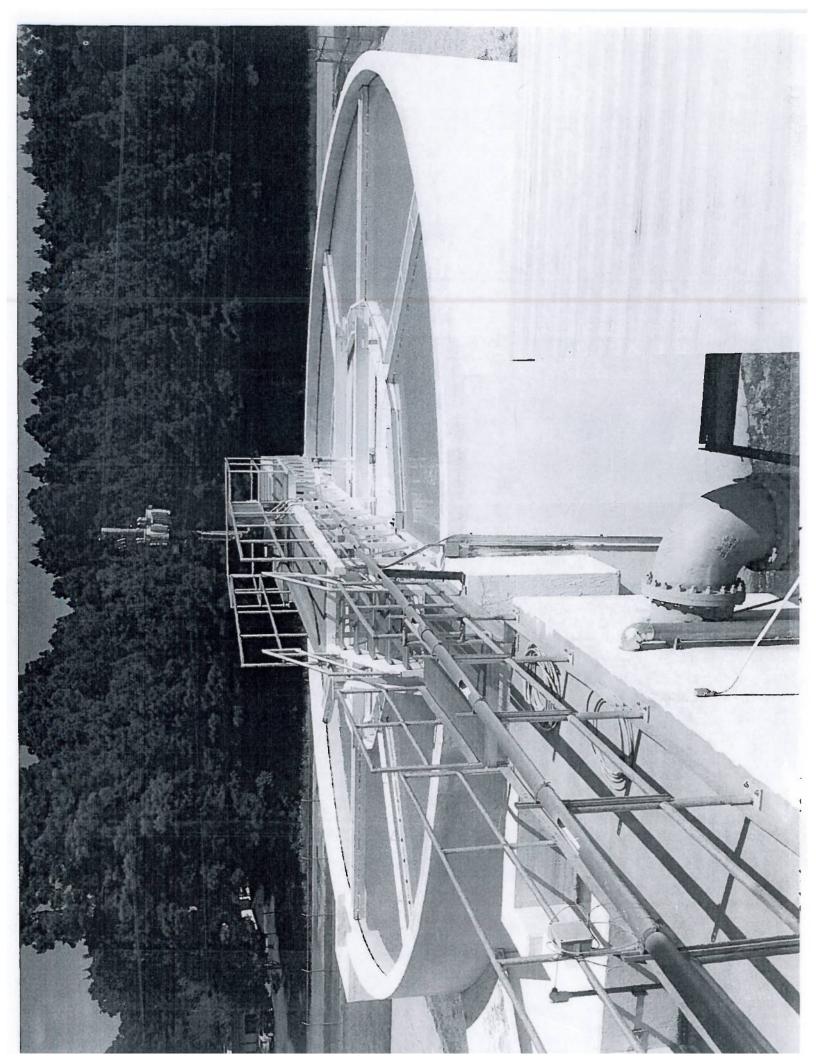


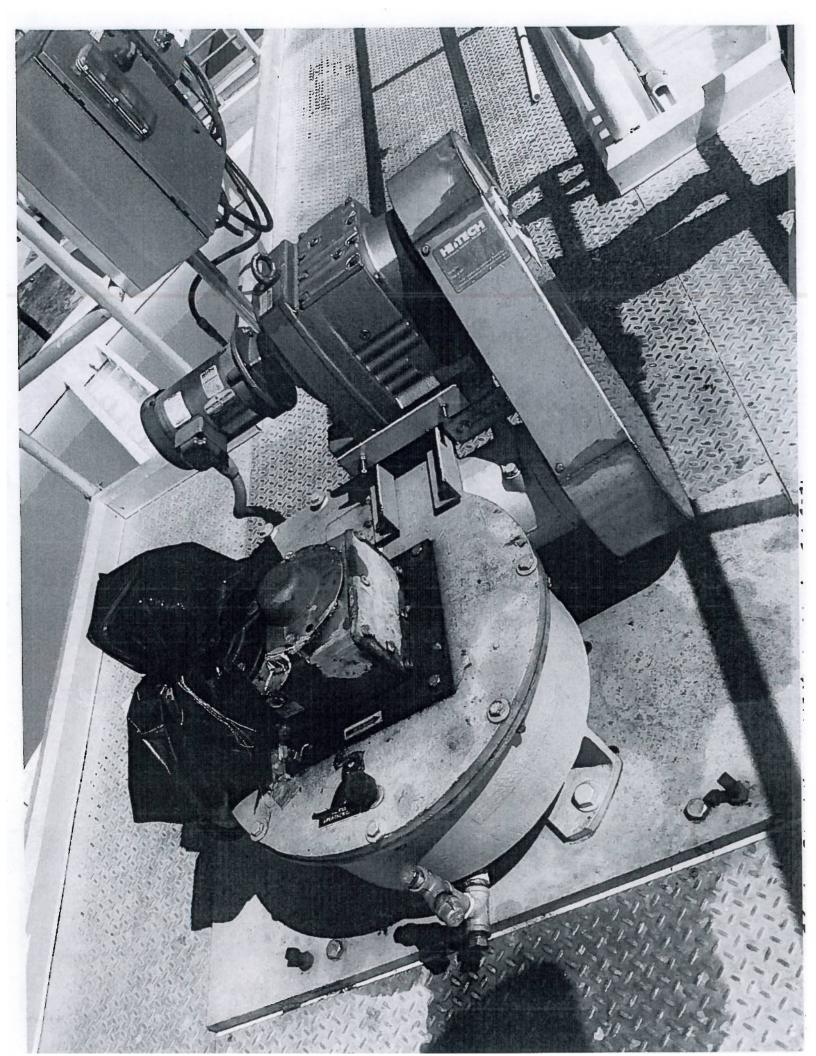
CROSSETT 9/18/13 LIME FEEDER (OVERFLOWED DAY BEFORE DURING REFILL,

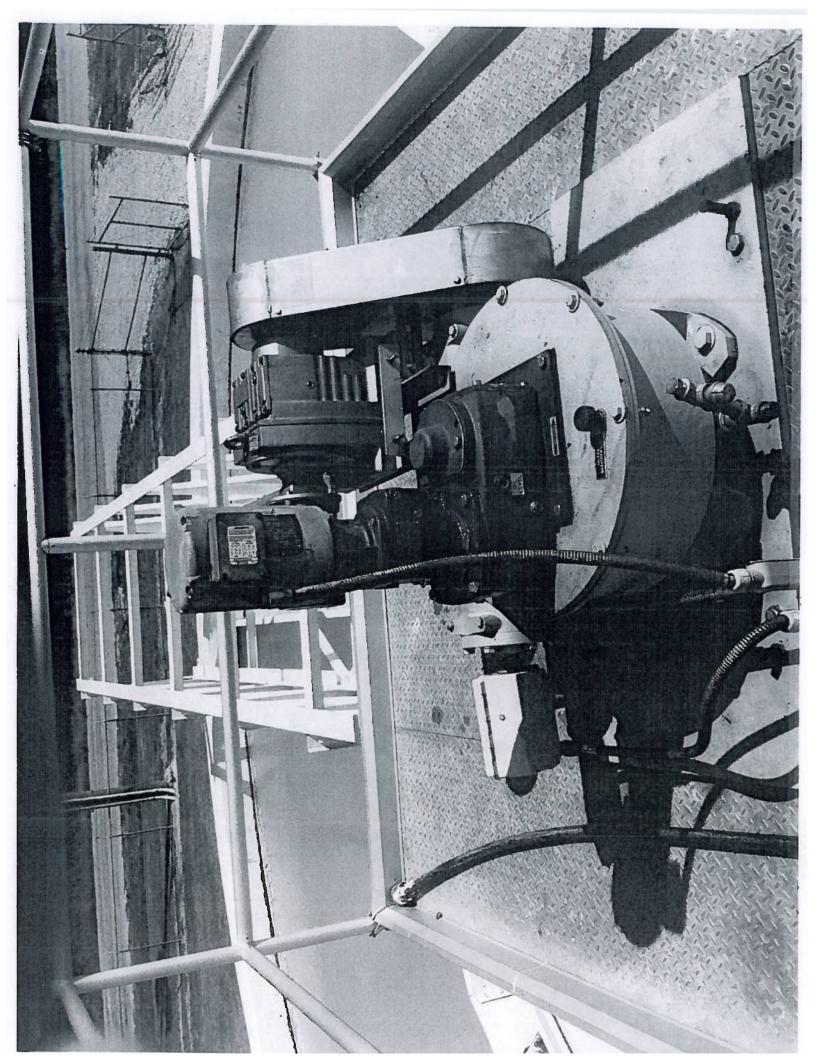


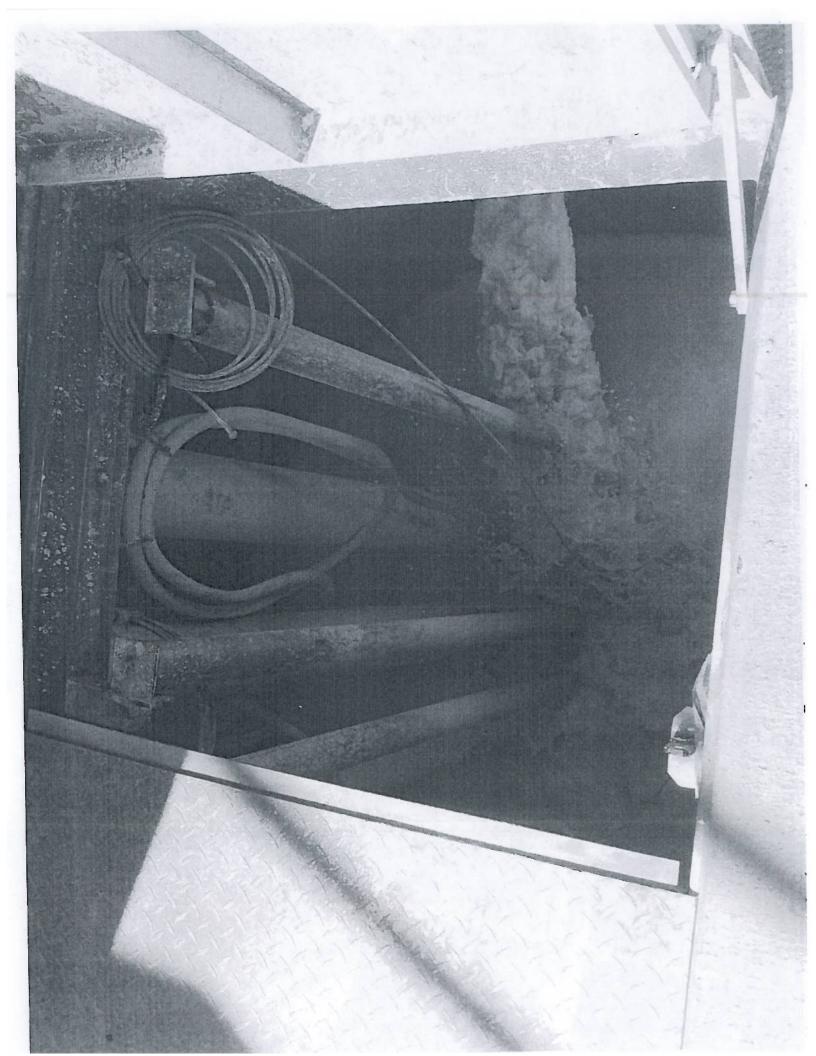


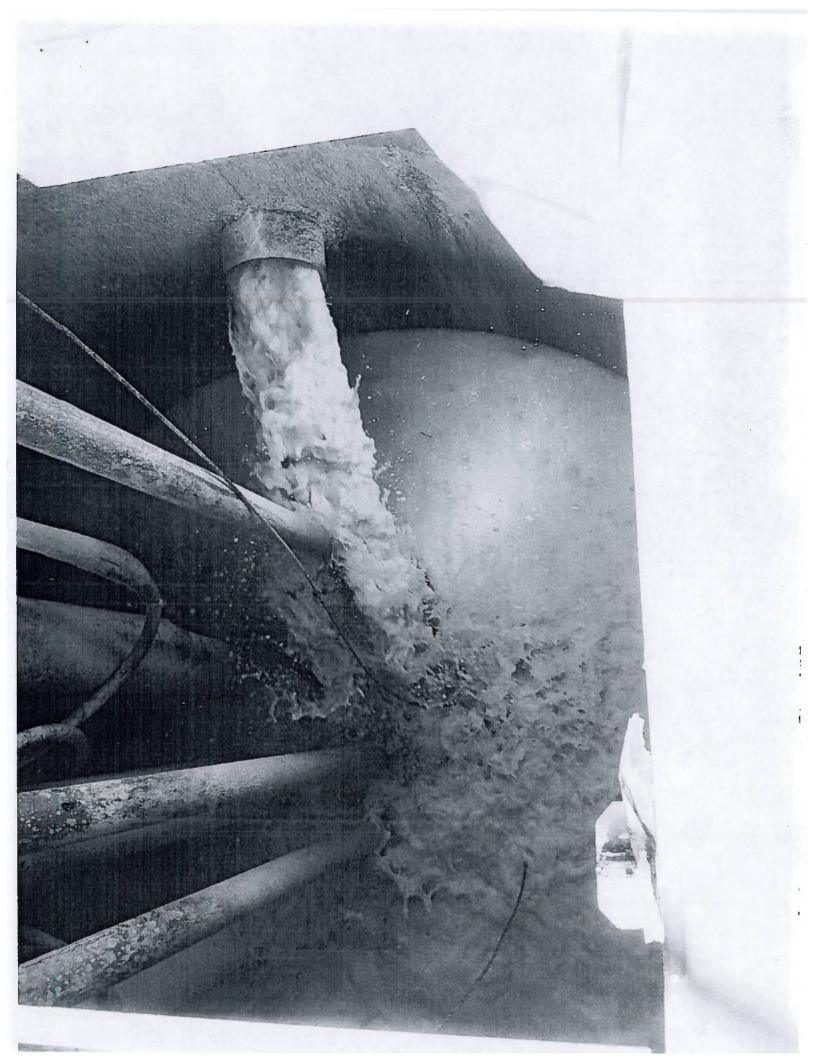


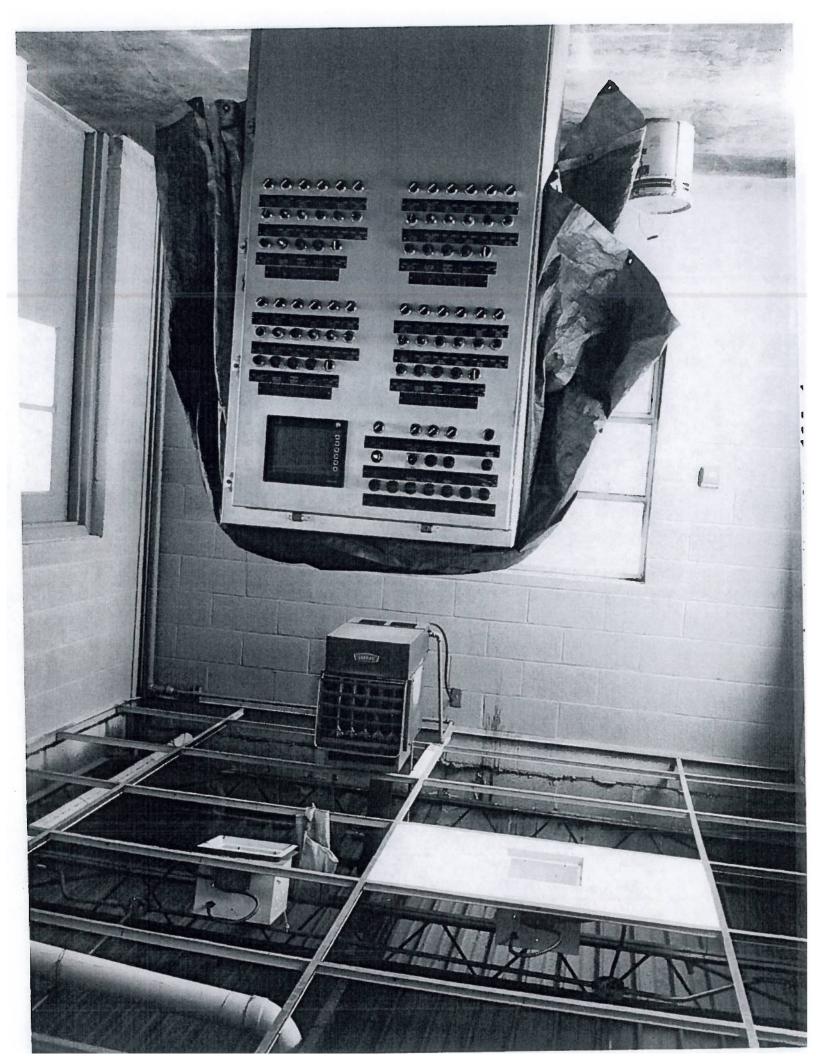


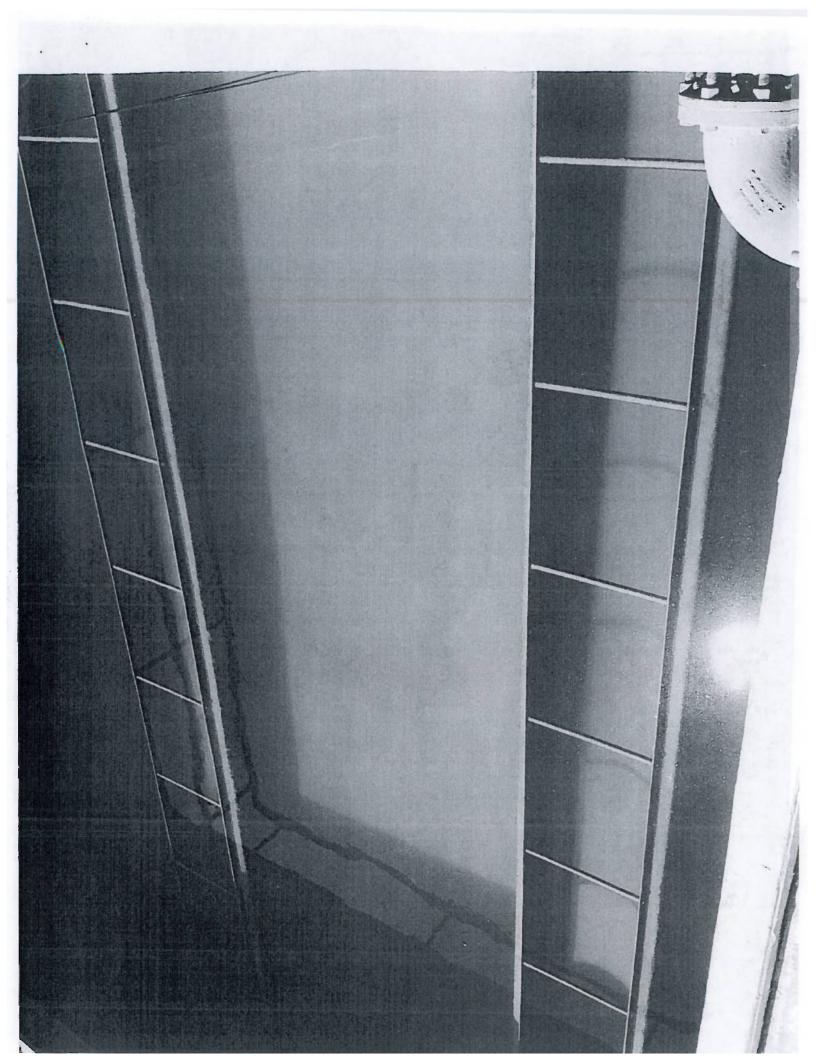


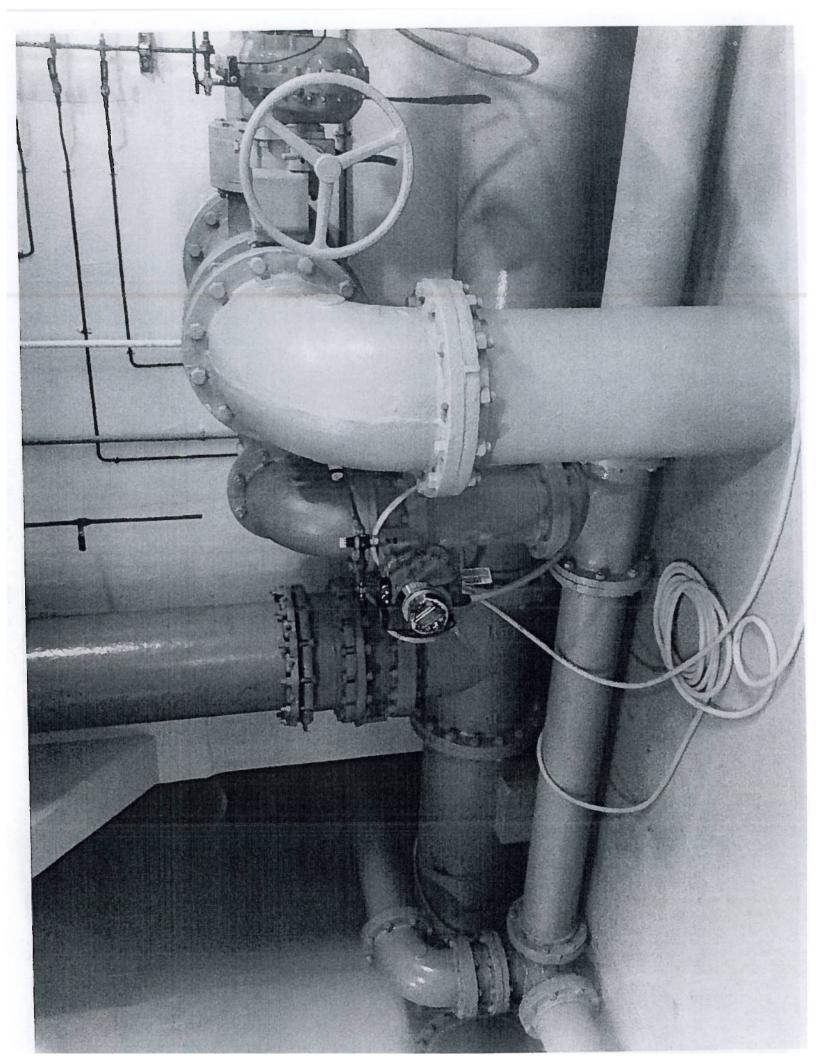


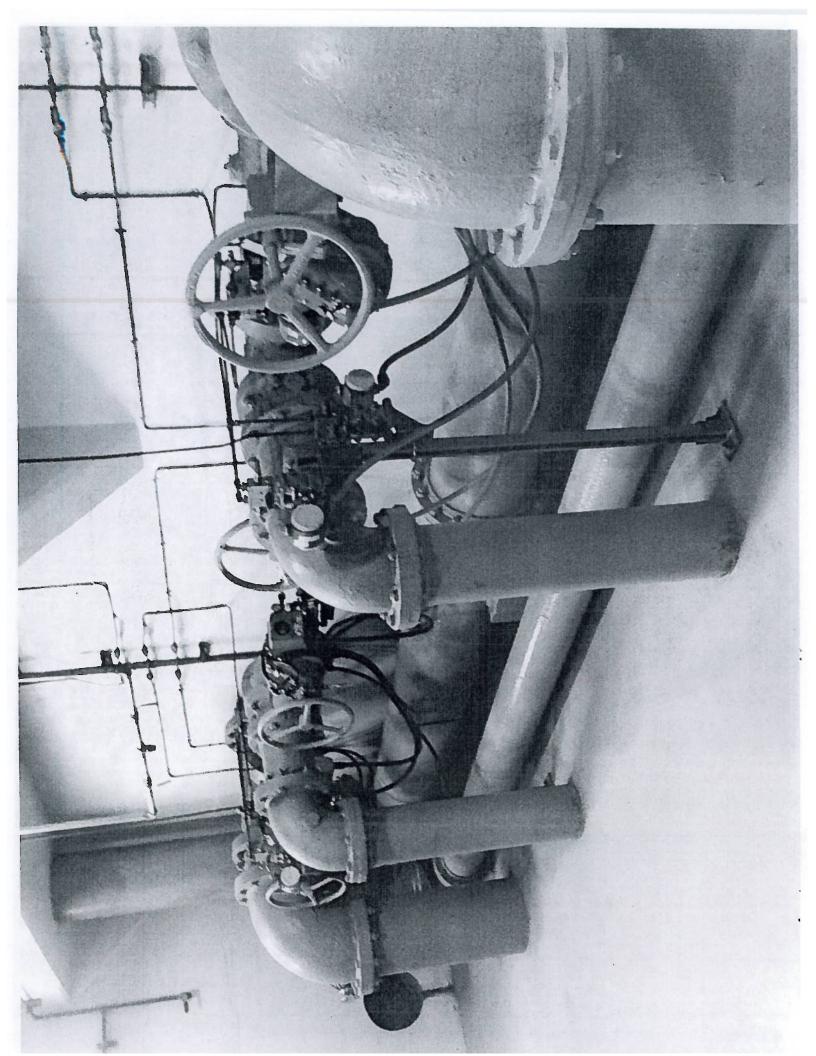


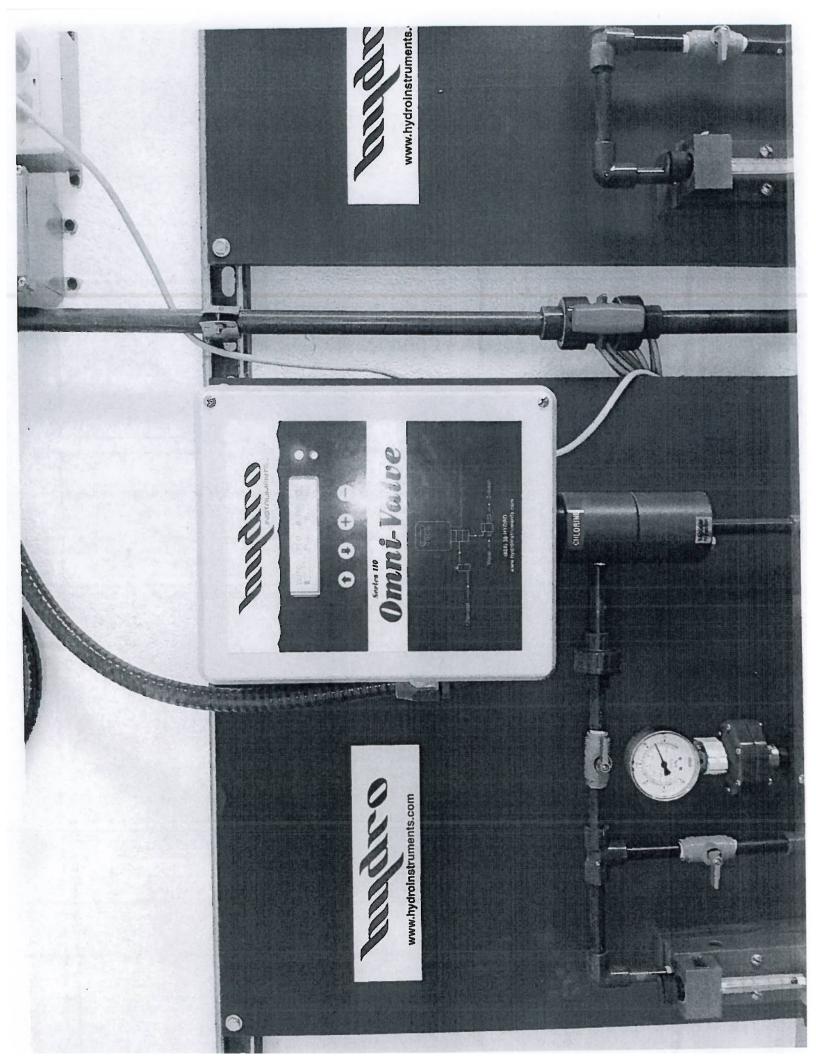


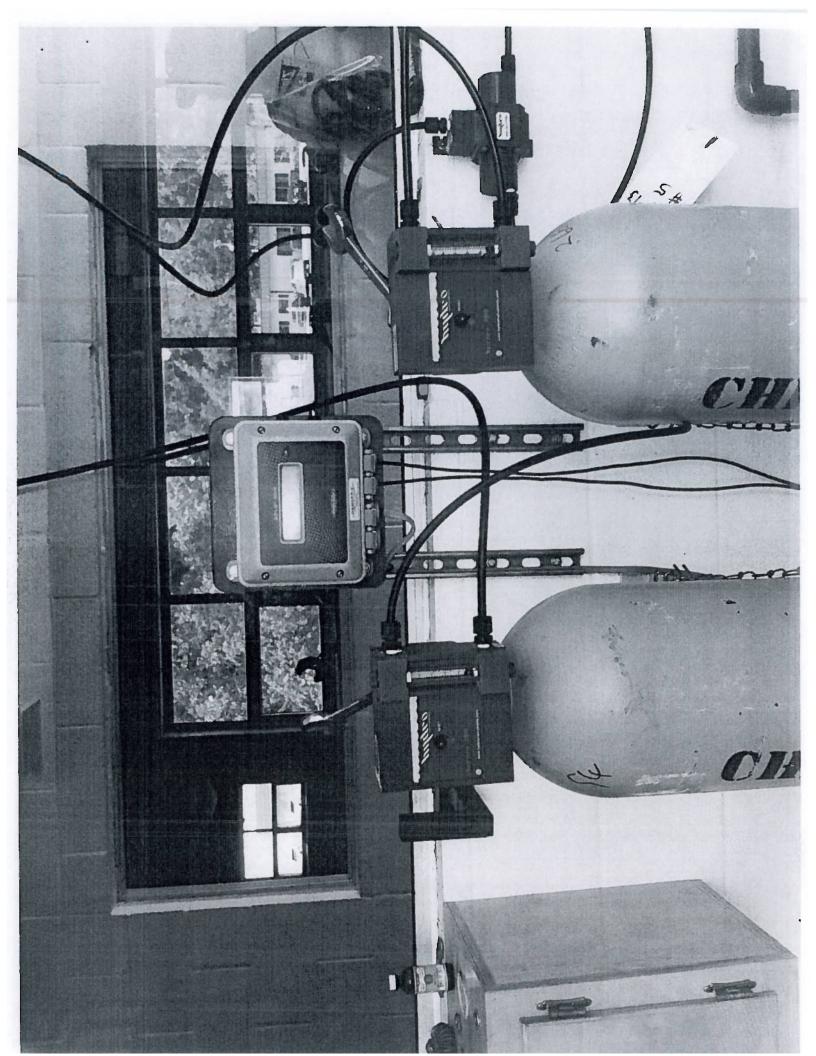


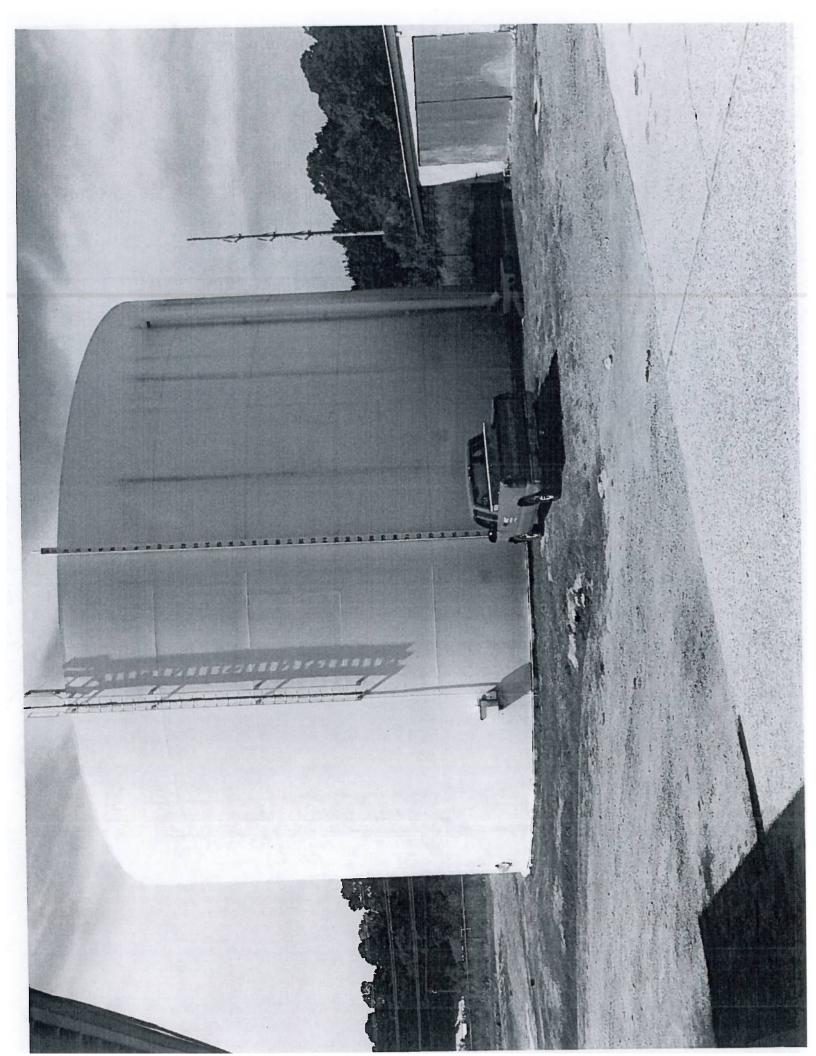


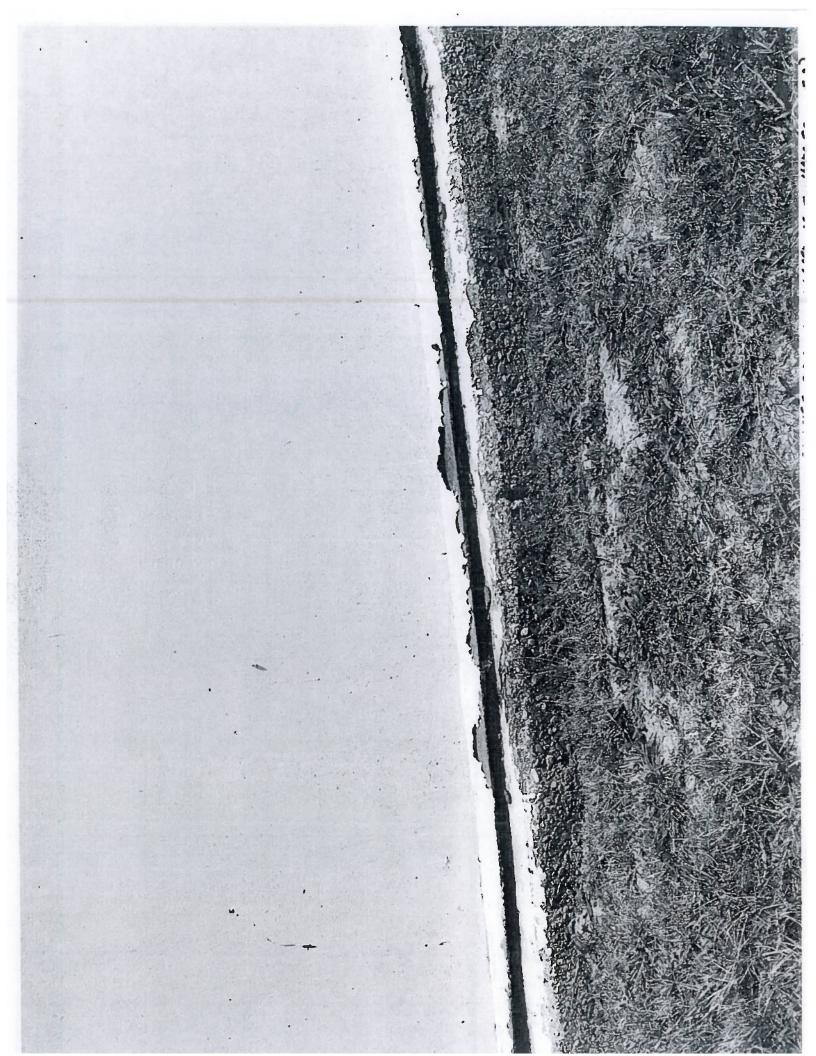


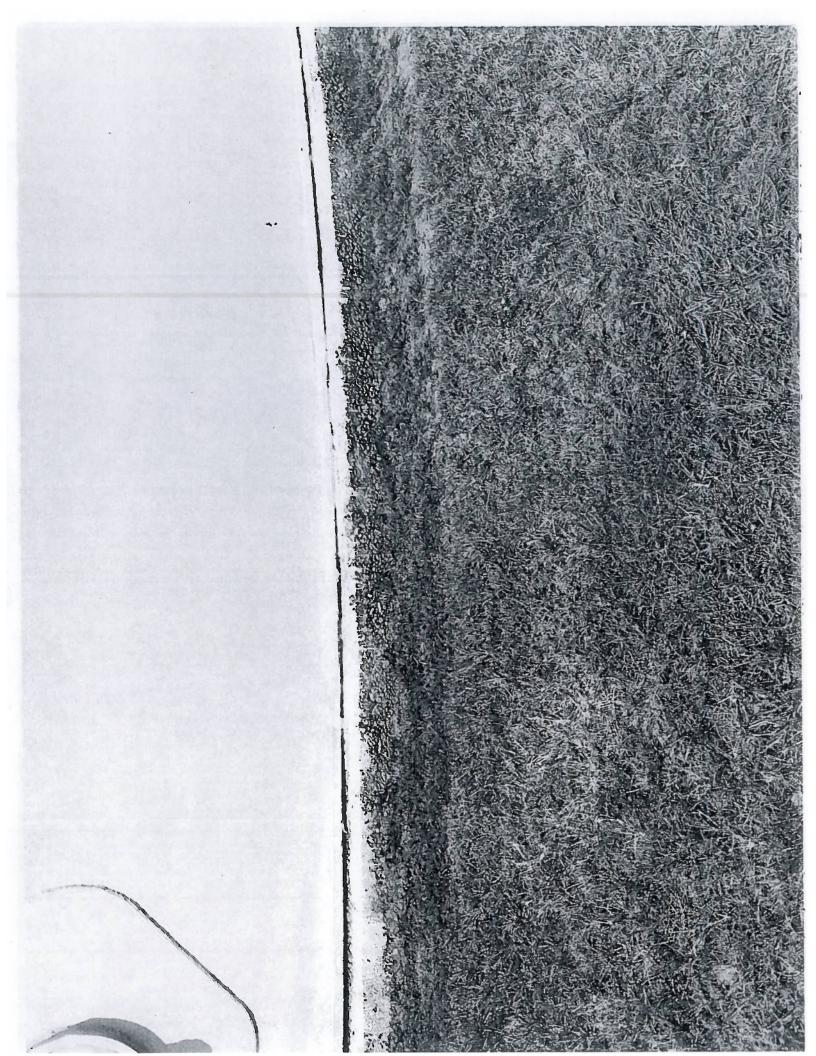


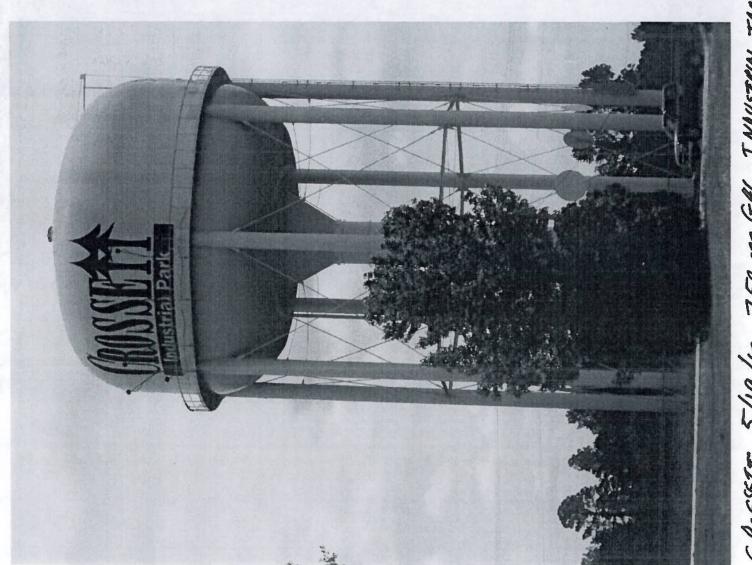




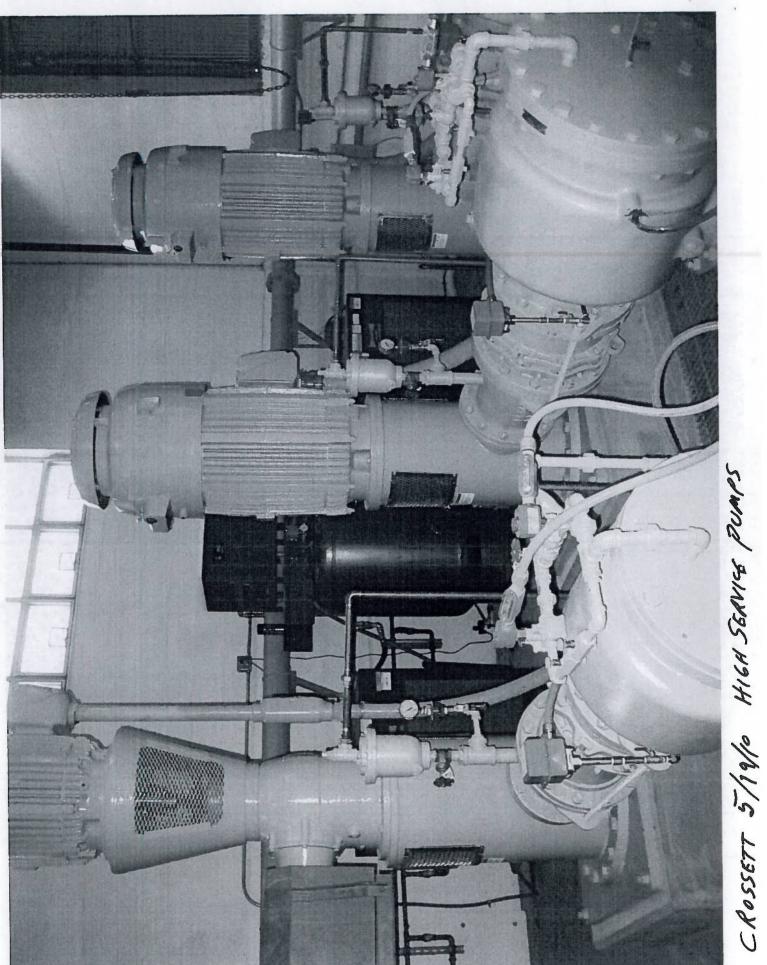




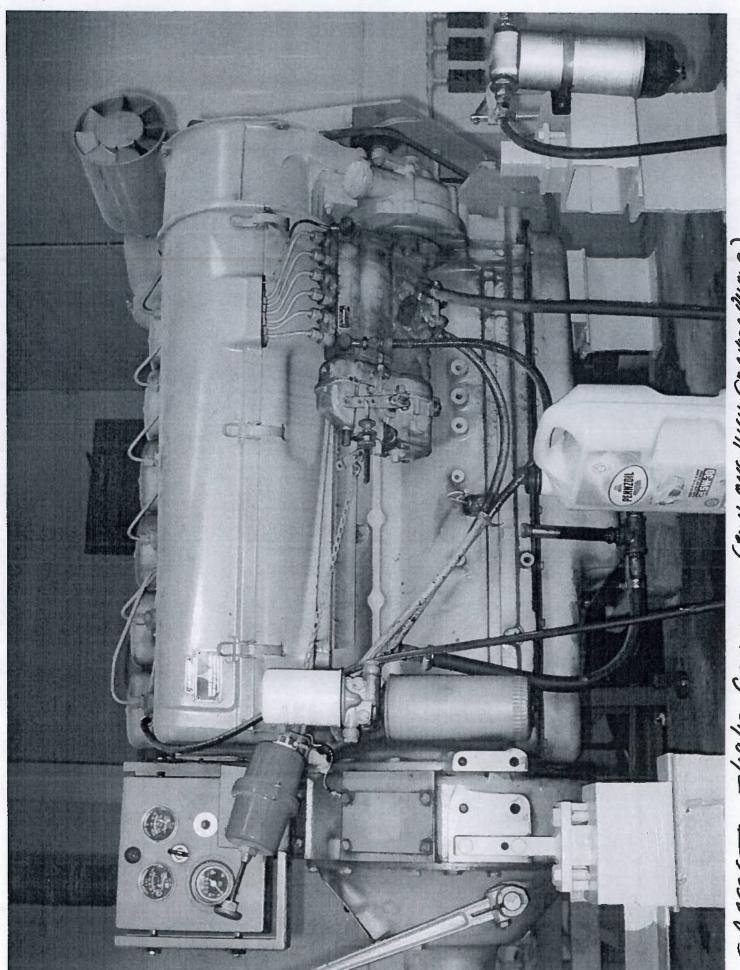




CROSSETT 5/19/10 750,000 GAL. INDUSTRIAL TANK



HIGH SEAVISE PUMPS



CROSSETT 5/19/10 GENERATOR (RUN ONE HIGH SEAMCE PUMP)